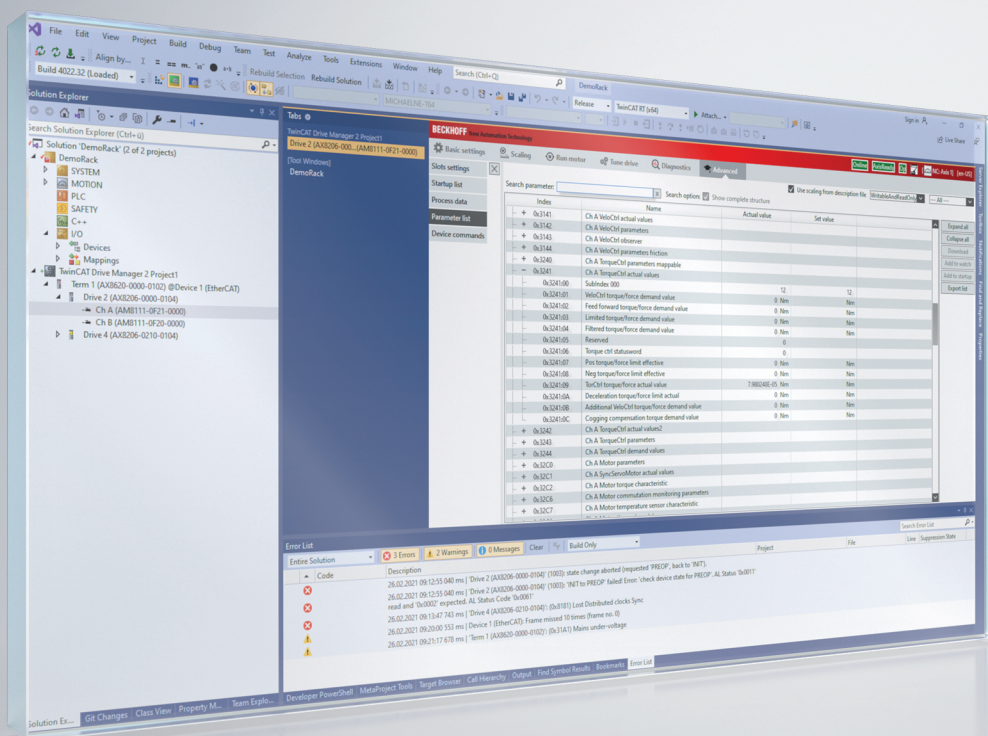


# BECKHOFF New Automation Technology

Object Dictionary | EN

# AX8xxx

Axis module





# 1 Standard-Objects

## 1.1 1000 Device type

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1000 (Device)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	402 (0x00000192)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 1.2 1001 Error register

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1001 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 1.3 1008 Device name

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1008 (Device)
Subindex	0x00
Datatype	VISIBLE_STRING
Min. Value	
Default	AX8206-0210-0000
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 1.4 1009 Hardware version

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1009 (Device)
Subindex	0x00
Datatype	VISIBLE_STRING
Min. Value	
Default	00.00 (01.01.2000)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 1.5 100A Software version

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x100A (Device)
Subindex	0x00
Datatype	VISIBLE_STRING
Min. Value	
Default	01.00 b0000 (1.1.2000)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 1.6 100B Bootloader version

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x100B (Device)
Subindex	0x00
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 1.7 1018:x Identity

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1018 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.7.1 1018:01 Vendor ID

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1018 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	2 (0x00000002)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.7.2 1018:02 Product code

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1018 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	537813010 (0x200E6012)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.7.3 1018:03 Revision

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1018 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.7.4 1018:04 Serial number

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1018 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 1.8 10E2:x Manufacturer-specific Identification Code

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10E2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.8.1 10E2:01 SubIndex 001

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10E2 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.8.2 10E2:02 SubIndex 002

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10E2 (Device)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



## 1.9 10F3:x Diagnosis History

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	105 (0x69)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.1 10F3:01 Maximum Messages

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.2 10F3:02 Newest Message

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.3 10F3:03 Newest Acknowledged Message

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.9.4 10F3:04 New Messages Available

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.5 10F3:05 Flags

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.9.6 10F3:06 Diagnosis Message 001

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.7 10F3:07 Diagnosis Message 002

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x07
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.8 10F3:08 Diagnosis Message 003

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x08
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.9 10F3:09 Diagnosis Message 004

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x09
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.10 10F3:0A Diagnosis Message 005

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x0A
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.11 10F3:0B Diagnosis Message 006

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x0B
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.12 10F3:0C Diagnosis Message 007

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x0C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.13 10F3:0D Diagnosis Message 008

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x0D
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.14 10F3:0E Diagnosis Message 009

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x0E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.15 10F3:0F Diagnosis Message 010

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x0F
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.16 10F3:10 Diagnosis Message 011

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x10
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.17 10F3:11 Diagnosis Message 012

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x11
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.18 10F3:12 Diagnosis Message 013

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x12
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.19 10F3:13 Diagnosis Message 014

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x13
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.20 10F3:14 Diagnosis Message 015

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x14
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.21 10F3:15 Diagnosis Message 016

see ETG.1020 Protocol Enhancements



Description	Value
Index	0x10F3 (Device)
Subindex	0x15
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.22 10F3:16 Diagnosis Message 017

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x16
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.23 10F3:17 Diagnosis Message 018

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x17
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.24 10F3:18 Diagnosis Message 019

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x18
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.25 10F3:19 Diagnosis Message 020

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x19
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.26 10F3:1A Diagnosis Message 021

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x1A
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.27 10F3:1B Diagnosis Message 022

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x1B
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.28 10F3:1C Diagnosis Message 023

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x1C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.29 10F3:1D Diagnosis Message 024

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x1D
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.30 10F3:1E Diagnosis Message 025

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x1E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.31 10F3:1F Diagnosis Message 026

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x1F
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.32 10F3:20 Diagnosis Message 027

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x20
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.33 10F3:21 Diagnosis Message 028

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x21
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.34 10F3:22 Diagnosis Message 029

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x22
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.35 10F3:23 Diagnosis Message 030

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x23
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.36 10F3:24 Diagnosis Message 031

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x24
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.37 10F3:25 Diagnosis Message 032

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x25
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.38 10F3:26 Diagnosis Message 033

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x26
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.39 10F3:27 Diagnosis Message 034

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x27
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.40 10F3:28 Diagnosis Message 035

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x28
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.41 10F3:29 Diagnosis Message 036

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x29
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.42 10F3:2A Diagnosis Message 037

see ETG.1020 Protocol Enhancements



Description	Value
Index	0x10F3 (Device)
Subindex	0x2A
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.43 10F3:2B Diagnosis Message 038

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x2B
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.44 10F3:2C Diagnosis Message 039

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x2C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.45 10F3:2D Diagnosis Message 040

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x2D
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.46 10F3:2E Diagnosis Message 041

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x2E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.47 10F3:2F Diagnosis Message 042

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x2F
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.48 10F3:30 Diagnosis Message 043

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x30
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.49 10F3:31 Diagnosis Message 044

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x31
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.50 10F3:32 Diagnosis Message 045

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x32
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.51 10F3:33 Diagnosis Message 046

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x33
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.52 10F3:34 Diagnosis Message 047

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x34
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.53 10F3:35 Diagnosis Message 048

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x35
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.54 10F3:36 Diagnosis Message 049

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x36
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.55 10F3:37 Diagnosis Message 050

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x37
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.56 10F3:38 Diagnosis Message 051

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x38
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.57 10F3:39 Diagnosis Message 052

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x39
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.58 10F3:3A Diagnosis Message 053

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x3A
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.59 10F3:3B Diagnosis Message 054

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x3B
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.60 10F3:3C Diagnosis Message 055

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x3C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.61 10F3:3D Diagnosis Message 056

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x3D
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.62 10F3:3E Diagnosis Message 057

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x3E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.63 10F3:3F Diagnosis Message 058

see ETG.1020 Protocol Enhancements



Description	Value
Index	0x10F3 (Device)
Subindex	0x3F
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.64 10F3:40 Diagnosis Message 059

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x40
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.65 10F3:41 Diagnosis Message 060

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x41
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.66 10F3:42 Diagnosis Message 061

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x42
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.67 10F3:43 Diagnosis Message 062

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x43
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.68 10F3:44 Diagnosis Message 063

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x44
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.69 10F3:45 Diagnosis Message 064

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x45
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.70 10F3:46 Diagnosis Message 065

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x46
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.71 10F3:47 Diagnosis Message 066

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x47
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.72 10F3:48 Diagnosis Message 067

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x48
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.73 10F3:49 Diagnosis Message 068

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x49
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.74 10F3:4A Diagnosis Message 069

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x4A
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.75 10F3:4B Diagnosis Message 070

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x4B
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.76 10F3:4C Diagnosis Message 071

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x4C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.77 10F3:4D Diagnosis Message 072

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x4D
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.78 10F3:4E Diagnosis Message 073

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x4E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.79 10F3:4F Diagnosis Message 074

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x4F
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.80 10F3:50 Diagnosis Message 075

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x50
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.81 10F3:51 Diagnosis Message 076

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x51
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.82 10F3:52 Diagnosis Message 077

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x52
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.83 10F3:53 Diagnosis Message 078

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x53
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.84 10F3:54 Diagnosis Message 079

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x54
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.85 10F3:55 Diagnosis Message 080

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x55
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.86 10F3:56 Diagnosis Message 081

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x56
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.87 10F3:57 Diagnosis Message 082

see ETG.1020 Protocol Enhancements



Description	Value
Index	0x10F3 (Device)
Subindex	0x57
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.88 10F3:58 Diagnosis Message 083

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x58
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.89 10F3:59 Diagnosis Message 084

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x59
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.90 10F3:5A Diagnosis Message 085

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x5A
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.91 10F3:5B Diagnosis Message 086

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x5B
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.92 10F3:5C Diagnosis Message 087

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x5C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.93 10F3:5D Diagnosis Message 088

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x5D
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.94 10F3:5E Diagnosis Message 089

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x5E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.95 10F3:5F Diagnosis Message 090

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x5F
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.96 10F3:60 Diagnosis Message 091

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x60
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.97 10F3:61 Diagnosis Message 092

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x61
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.98 10F3:62 Diagnosis Message 093

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x62
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.99 10F3:63 Diagnosis Message 094

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x63
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.100 10F3:64 Diagnosis Message 095

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x64
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.101 10F3:65 Diagnosis Message 096

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x65
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.102 10F3:66 Diagnosis Message 097

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x66
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.103 10F3:67 Diagnosis Message 098

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x67
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.104 10F3:68 Diagnosis Message 099

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x68
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.9.105 10F3:69 Diagnosis Message 100

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F3 (Device)
Subindex	0x69
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 1.10 10F8 Timestamp Object

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x10F8 (Device)
Subindex	0x00
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



## 1.11 1C00:x Sync manager type

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.11.1 1C00:01 SubIndex 001

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.11.2 1C00:02 SubIndex 002

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.11.3 1C00:03 SubIndex 003

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.11.4 1C00:04 SubIndex 004

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.11.5 1C00:05 SubIndex 005

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.11.6 1C00:06 SubIndex 006

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.11.7 1C00:07 SubIndex 007

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.11.8 1C00:08 SubIndex 008

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C00 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 1.12 1C12:x RxPDO assign

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.1 1C12:01 Subindex 001

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	5632 (0x1600)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.2 1C12:02 Subindex 002

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	5664 (0x1620)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.3 1C12:03 Subindex 003

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	5667 (0x1623)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.4 1C12:04 Subindex 004

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	5696 (0x1640)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.5 1C12:05 Subindex 005

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	5699 (0x1643)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.6 1C12:06 Subindex 006

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.7 1C12:07 Subindex 007

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.8 1C12:08 Subindex 008

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.9 1C12:09 Subindex 009

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.10 1C12:0A Subindex 010

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.11 1C12:0B Subindex 011

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.12 1C12:0C Subindex 012

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.13 1C12:0D Subindex 013

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.12.14 1C12:0E Subindex 014

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C12 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All



## 1.13 1C13:x TxPDO assign

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.1 1C13:01 Subindex 001

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	6688 (0x1A20)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.2 1C13:02 Subindex 002

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	6694 (0x1A26)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.3 1C13:03 Subindex 003

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	6720 (0x1A40)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.4 1C13:04 Subindex 004

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	6726 (0x1A46)
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.5 1C13:05 Subindex 005

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.6 1C13:06 Subindex 006

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.7 1C13:07 Subindex 007

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.8 1C13:08 Subindex 008

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.9 1C13:09 Subindex 009

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.10 1C13:0A Subindex 010

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.11 1C13:0B Subindex 011

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.12 1C13:0C Subindex 012

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.13 1C13:0D Subindex 013

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.14 1C13:0E Subindex 014

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.15 1C13:0F Subindex 015

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.16 1C13:10 Subindex 016

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.17 1C13:11 Subindex 017

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.18 1C13:12 Subindex 018

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.19 1C13:13 Subindex 019

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.20 1C13:14 Subindex 020

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.21 1C13:15 Subindex 021

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.22 1C13:16 Subindex 022

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.23 1C13:17 Subindex 023

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.24 1C13:18 Subindex 024

see ETG.1000.6 EtherCAT specification - CoE



Description	Value
Index	0x1C13 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.25 1C13:19 Subindex 025

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.26 1C13:1A Subindex 026

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.27 1C13:1B Subindex 027

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.28 1C13:1C Subindex 028

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.29 1C13:1D Subindex 029

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.30 1C13:1E Subindex 030

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.31 1C13:1F Subindex 031

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.13.32 1C13:20 Subindex 032

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C13 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 1.14 1C14:x Dynamic RxPDO assign

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.1 1C14:01 Subindex 001

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.2 1C14:02 Subindex 002

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.3 1C14:03 Subindex 003

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.4 1C14:04 Subindex 004

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.5 1C14:05 Subindex 005

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.6 1C14:06 Subindex 006

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.7 1C14:07 Subindex 007

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.8 1C14:08 Subindex 008

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.9 1C14:09 Subindex 009

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.10 1C14:0A Subindex 010

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.11 1C14:0B Subindex 011

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.12 1C14:0C Subindex 012

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.13 1C14:0D Subindex 013

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.14.14 1C14:0E Subindex 014

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C14 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



## 1.15 1C15:x Dynamic TxPDO assign

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.1 1C15:01 Subindex 001

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.2 1C15:02 Subindex 002

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.3 1C15:03 Subindex 003

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.4 1C15:04 Subindex 004

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.5 1C15:05 Subindex 005

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.6 1C15:06 Subindex 006

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.7 1C15:07 Subindex 007

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.8 1C15:08 Subindex 008

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.9 1C15:09 Subindex 009

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.10 1C15:0A Subindex 010

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.11 1C15:0B Subindex 011

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.12 1C15:0C Subindex 012

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.13 1C15:0D Subindex 013

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.14 1C15:0E Subindex 014

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.15 1C15:0F Subindex 015

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.16 1C15:10 Subindex 016

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.17 1C15:11 Subindex 017

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.18 1C15:12 Subindex 018

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.19 1C15:13 Subindex 019

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.20 1C15:14 Subindex 020

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.21 1C15:15 Subindex 021

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.22 1C15:16 Subindex 022

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.23 1C15:17 Subindex 023

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.24 1C15:18 Subindex 024

see ETG.1000.6 EtherCAT specification - CoE



Description	Value
Index	0x1C15 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.25 1C15:19 Subindex 025

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.26 1C15:1A Subindex 026

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.27 1C15:1B Subindex 027

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.28 1C15:1C Subindex 028

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.29 1C15:1D Subindex 029

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.30 1C15:1E Subindex 030

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.31 1C15:1F Subindex 031

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.15.32 1C15:20 Subindex 032

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C15 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 1.16 1C16:x Safety RxPDO assign

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C16 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.16.1 1C16:01 Subindex 001

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C16 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.16.2 1C16:02 Subindex 002

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C16 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.16.3 1C16:03 Subindex 003

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C16 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.16.4 1C16:04 Subindex 004

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C16 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.16.5 1C16:05 Subindex 005

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C16 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.16.6 1C16:06 Subindex 006

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C16 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.16.7 1C16:07 Subindex 007

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C16 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.16.8 1C16:08 Subindex 008

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C16 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.16.9 1C16:09 Subindex 009

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C16 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.16.10 1C16:0A Subindex 010

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C16 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 1.17 1C17:x Safety TxPDO assign

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.1 1C17:01 Subindex 001

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.2 1C17:02 Subindex 002

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.3 1C17:03 Subindex 003

see ETG.1000.6 EtherCAT specification - CoE



Description	Value
Index	0x1C17 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.4 1C17:04 Subindex 004

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.5 1C17:05 Subindex 005

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.6 1C17:06 Subindex 006

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.7 1C17:07 Subindex 007

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.8 1C17:08 Subindex 008

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.9 1C17:09 Subindex 009

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.10 1C17:0A Subindex 010

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.11 1C17:0B Subindex 011

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.12 1C17:0C Subindex 012

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.13 1C17:0D Subindex 013

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 1.17.14 1C17:0E Subindex 014

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1C17 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 1.18 1C32:x SM output parameter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	32 (0x20)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.18.1 1C32:01 Sync mode

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.18.2 1C32:02 Cycle time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.18.3 1C32:03 Shift time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.18.4 1C32:04 Sync modes supported

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.18.5 1C32:05 Minimum cycle time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.18.6 1C32:06 Calc and copy time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.18.7 1C32:07 Minimum delay time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.18.8 1C32:08 Command

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.18.9 1C32:09 Maximum delay time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.18.10 1C32:0B SM event missed counter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.18.11 1C32:0C Cycle exceeded counter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.18.12 1C32:0D Shift too short counter

see ETG.1020 Protocol Enhancements



Description	Value
Index	0x1C32 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.18.13 1C32:20 Sync error

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C32 (Device)
Subindex	0x20
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 1.19 1C33:x SM input parameter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	32 (0x20)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.19.1 1C33:01 Sync mode

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.19.2 1C33:02 Cycle time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.19.3 1C33:03 Shift time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.19.4 1C33:04 Sync modes supported

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.19.5 1C33:05 Minimum cycle time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.19.6 1C33:06 Calc and copy time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.19.7 1C33:07 Minimum delay time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.19.8 1C33:08 Command

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.19.9 1C33:09 Maximum delay time

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.19.10 1C33:0B SM event missed counter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.19.11 1C33:0C Cycle exceeded counter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.19.12 1C33:0D Shift too short counter

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.19.13 1C33:20 Sync error

see ETG.1020 Protocol Enhancements

Description	Value
Index	0x1C33 (Device)
Subindex	0x20
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 1.20 F008 Code word

Description	Value
Index	0xF008 (Device)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 1.21 F009 Password protection

Description	Value
Index	0xF009 (Device)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



## 1.22 F030:x Configured modules

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	96 (0x60)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.1 F030:01 SubIndex 001

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	6946916 (0x006A0064)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.2 F030:02 SubIndex 002

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.3 F030:03 SubIndex 003

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.4 F030:04 SubIndex 004

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.5 F030:05 SubIndex 005

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.6 F030:06 SubIndex 006

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.7 F030:07 SubIndex 007

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.8 F030:08 SubIndex 008

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.9 F030:09 SubIndex 009

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.10 F030:0A SubIndex 010

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.11 F030:0B SubIndex 011

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	6946929 (0x006A0071)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.12 F030:0C SubIndex 012

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.13 F030:0D SubIndex 013

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.14 F030:0E SubIndex 014

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.15 F030:0F SubIndex 015

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.16 F030:10 SubIndex 016

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.17 F030:11 SubIndex 017

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.18 F030:12 SubIndex 018

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.19 F030:13 SubIndex 019

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.20 F030:14 SubIndex 020

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.21 F030:15 SubIndex 021

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x15
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.22 F030:16 SubIndex 022

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.23 F030:17 SubIndex 023

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x17
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.24 F030:18 SubIndex 024

see ETG.5001.1 MDP GeneralSpec



Description	Value
Index	0xF030 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.25 F030:19 SubIndex 025

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x19
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.26 F030:1A SubIndex 026

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x1A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.27 F030:1B SubIndex 027

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x1B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.28 F030:1C SubIndex 028

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x1C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.29 F030:1D SubIndex 029

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x1D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.30 F030:1E SubIndex 030

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x1E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.31 F030:1F SubIndex 031

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x1F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.32 F030:20 SubIndex 032

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x20
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.33 F030:21 SubIndex 033

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x21
Datatype	UINT32
Min. Value	
Default	6947816 (0x006A03E8)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.34 F030:22 SubIndex 034

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x22
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.35 F030:23 SubIndex 035

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x23
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.36 F030:24 SubIndex 036

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x24
Datatype	UINT32
Min. Value	
Default	6949816 (0x006A0BB8)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.37 F030:25 SubIndex 037

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x25
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.38 F030:26 SubIndex 038

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x26
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.39 F030:27 SubIndex 039

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x27
Datatype	UINT32
Min. Value	
Default	6952816 (0x006A1770)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.40 F030:28 SubIndex 040

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x28
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.41 F030:29 SubIndex 041

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x29
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.42 F030:2A SubIndex 042

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x2A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.43 F030:2B SubIndex 043

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x2B
Datatype	UINT32
Min. Value	
Default	6956816 (0x006A2710)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.44 F030:2C SubIndex 044

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x2C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.45 F030:2D SubIndex 045

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x2D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.46 F030:2E SubIndex 046

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x2E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.47 F030:2F SubIndex 047

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x2F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.48 F030:30 SubIndex 048

see ETG.5001.1 MDP GeneralSpec



Description	Value
Index	0xF030 (Device)
Subindex	0x30
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.49 F030:31 SubIndex 049

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x31
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.50 F030:32 SubIndex 050

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x32
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.51 F030:33 SubIndex 051

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x33
Datatype	UINT32
Min. Value	
Default	6964816 (0x006A4650)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.52 F030:34 SubIndex 052

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x34
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.53 F030:35 SubIndex 053

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x35
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.54 F030:36 SubIndex 054

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x36
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.55 F030:37 SubIndex 055

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x37
Datatype	UINT32
Min. Value	
Default	6968816 (0x006A55F0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.56 F030:38 SubIndex 056

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x38
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.57 F030:39 SubIndex 057

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x39
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.58 F030:3A SubIndex 058

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x3A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.59 F030:3B SubIndex 059

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x3B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.60 F030:3C SubIndex 060

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x3C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.61 F030:3D SubIndex 061

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x3D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.62 F030:3E SubIndex 062

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x3E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.63 F030:3F SubIndex 063

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x3F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.64 F030:40 SubIndex 064

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x40
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.65 F030:41 SubIndex 065

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x41
Datatype	UINT32
Min. Value	
Default	6947816 (0x006A03E8)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.66 F030:42 SubIndex 066

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x42
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.67 F030:43 SubIndex 067

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x43
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.68 F030:44 SubIndex 068

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x44
Datatype	UINT32
Min. Value	
Default	6949816 (0x006A0BB8)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.69 F030:45 SubIndex 069

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x45
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.70 F030:46 SubIndex 070

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x46
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.71 F030:47 SubIndex 071

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x47
Datatype	UINT32
Min. Value	
Default	6952816 (0x006A1770)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.72 F030:48 SubIndex 072

see ETG.5001.1 MDP GeneralSpec



Description	Value
Index	0xF030 (Device)
Subindex	0x48
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.73 F030:49 SubIndex 073

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x49
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.74 F030:4A SubIndex 074

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x4A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.75 F030:4B SubIndex 075

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x4B
Datatype	UINT32
Min. Value	
Default	6956816 (0x006A2710)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.76 F030:4C SubIndex 076

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x4C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.77 F030:4D SubIndex 077

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x4D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.78 F030:4E SubIndex 078

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x4E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.79 F030:4F SubIndex 079

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x4F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.80 F030:50 SubIndex 080

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x50
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.81 F030:51 SubIndex 081

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x51
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.82 F030:52 SubIndex 082

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x52
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.83 F030:53 SubIndex 083

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x53
Datatype	UINT32
Min. Value	
Default	6964816 (0x006A4650)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.84 F030:54 SubIndex 084

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x54
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.85 F030:55 SubIndex 085

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x55
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.86 F030:56 SubIndex 086

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x56
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.87 F030:57 SubIndex 087

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x57
Datatype	UINT32
Min. Value	
Default	6968816 (0x006A55F0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.88 F030:58 SubIndex 088

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x58
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.89 F030:59 SubIndex 089

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x59
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.90 F030:5A SubIndex 090

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x5A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.91 F030:5B SubIndex 091

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x5B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.92 F030:5C SubIndex 092

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x5C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.93 F030:5D SubIndex 093

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x5D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.94 F030:5E SubIndex 094

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x5E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.95 F030:5F SubIndex 095

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF030 (Device)
Subindex	0x5F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.22.96 F030:60 SubIndex 096

see ETG.5001.1 MDP GeneralSpec



Description	Value
Index	0xF030 (Device)
Subindex	0x60
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 1.23 F050:x Detected modules

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	96 (0x60)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.1 F050:01 SubIndex 001

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	6946916 (0x006A0064)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.2 F050:02 SubIndex 002

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.3 F050:03 SubIndex 003

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.4 F050:04 SubIndex 004

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.5 F050:05 SubIndex 005

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.6 F050:06 SubIndex 006

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.7 F050:07 SubIndex 007

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.8 F050:08 SubIndex 008

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.9 F050:09 SubIndex 009

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.10 F050:0A SubIndex 010

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.11 F050:0B SubIndex 011

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	6946929 (0x006A0071)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.12 F050:0C SubIndex 012

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.13 F050:0D SubIndex 013

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.14 F050:0E SubIndex 014

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.15 F050:0F SubIndex 015

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.16 F050:10 SubIndex 016

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.17 F050:11 SubIndex 017

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.18 F050:12 SubIndex 018

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.19 F050:13 SubIndex 019

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.20 F050:14 SubIndex 020

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.21 F050:15 SubIndex 021

see ETG.5001.1 MDP GeneralSpec



Description	Value
Index	0xF050 (Device)
Subindex	0x15
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.22 F050:16 SubIndex 022

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.23 F050:17 SubIndex 023

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x17
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.24 F050:18 SubIndex 024

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.25 F050:19 SubIndex 025

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x19
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.26 F050:1A SubIndex 026

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x1A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.27 F050:1B SubIndex 027

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x1B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.28 F050:1C SubIndex 028

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x1C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.29 F050:1D SubIndex 029

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x1D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.30 F050:1E SubIndex 030

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x1E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.31 F050:1F SubIndex 031

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x1F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.32 F050:20 SubIndex 032

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x20
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.33 F050:21 SubIndex 033

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x21
Datatype	UINT32
Min. Value	
Default	6947816 (0x006A03E8)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.34 F050:22 SubIndex 034

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x22
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.35 F050:23 SubIndex 035

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x23
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.36 F050:24 SubIndex 036

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x24
Datatype	UINT32
Min. Value	
Default	6949816 (0x006A0BB8)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.37 F050:25 SubIndex 037

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x25
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.38 F050:26 SubIndex 038

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x26
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.39 F050:27 SubIndex 039

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x27
Datatype	UINT32
Min. Value	
Default	6952816 (0x006A1770)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.40 F050:28 SubIndex 040

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x28
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.41 F050:29 SubIndex 041

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x29
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.42 F050:2A SubIndex 042

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x2A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.43 F050:2B SubIndex 043

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x2B
Datatype	UINT32
Min. Value	
Default	6956816 (0x006A2710)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.44 F050:2C SubIndex 044

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x2C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.45 F050:2D SubIndex 045

see ETG.5001.1 MDP GeneralSpec



Description	Value
Index	0xF050 (Device)
Subindex	0x2D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.46 F050:2E SubIndex 046

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x2E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.47 F050:2F SubIndex 047

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x2F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.48 F050:30 SubIndex 048

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x30
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.49 F050:31 SubIndex 049

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x31
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.50 F050:32 SubIndex 050

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x32
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.51 F050:33 SubIndex 051

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x33
Datatype	UINT32
Min. Value	
Default	6964816 (0x006A4650)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.52 F050:34 SubIndex 052

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x34
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.53 F050:35 SubIndex 053

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x35
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.54 F050:36 SubIndex 054

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x36
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.55 F050:37 SubIndex 055

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x37
Datatype	UINT32
Min. Value	
Default	6968816 (0x006A55F0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.56 F050:38 SubIndex 056

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x38
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.57 F050:39 SubIndex 057

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x39
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.58 F050:3A SubIndex 058

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x3A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.59 F050:3B SubIndex 059

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x3B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.60 F050:3C SubIndex 060

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x3C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.61 F050:3D SubIndex 061

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x3D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.62 F050:3E SubIndex 062

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x3E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.63 F050:3F SubIndex 063

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x3F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.64 F050:40 SubIndex 064

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x40
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.65 F050:41 SubIndex 065

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x41
Datatype	UINT32
Min. Value	
Default	6947816 (0x006A03E8)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.66 F050:42 SubIndex 066

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x42
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.67 F050:43 SubIndex 067

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x43
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.68 F050:44 SubIndex 068

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x44
Datatype	UINT32
Min. Value	
Default	6949816 (0x006A0BB8)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.69 F050:45 SubIndex 069

see ETG.5001.1 MDP GeneralSpec



Description	Value
Index	0xF050 (Device)
Subindex	0x45
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.70 F050:46 SubIndex 070

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x46
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.71 F050:47 SubIndex 071

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x47
Datatype	UINT32
Min. Value	
Default	6952816 (0x006A1770)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.72 F050:48 SubIndex 072

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x48
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.73 F050:49 SubIndex 073

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x49
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.74 F050:4A SubIndex 074

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x4A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.75 F050:4B SubIndex 075

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x4B
Datatype	UINT32
Min. Value	
Default	6956816 (0x006A2710)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.76 F050:4C SubIndex 076

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x4C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.77 F050:4D SubIndex 077

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x4D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.78 F050:4E SubIndex 078

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x4E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.79 F050:4F SubIndex 079

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x4F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.80 F050:50 SubIndex 080

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x50
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.81 F050:51 SubIndex 081

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x51
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.82 F050:52 SubIndex 082

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x52
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.83 F050:53 SubIndex 083

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x53
Datatype	UINT32
Min. Value	
Default	6964816 (0x006A4650)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.84 F050:54 SubIndex 084

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x54
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.85 F050:55 SubIndex 085

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x55
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.86 F050:56 SubIndex 086

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x56
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.87 F050:57 SubIndex 087

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x57
Datatype	UINT32
Min. Value	
Default	6968816 (0x006A55F0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.88 F050:58 SubIndex 088

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x58
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.89 F050:59 SubIndex 089

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x59
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.90 F050:5A SubIndex 090

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x5A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.91 F050:5B SubIndex 091

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x5B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.92 F050:5C SubIndex 092

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x5C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.93 F050:5D SubIndex 093

see ETG.5001.1 MDP GeneralSpec



Description	Value
Index	0xF050 (Device)
Subindex	0x5D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.94 F050:5E SubIndex 094

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x5E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.95 F050:5F SubIndex 095

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x5F
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.23.96 F050:60 SubIndex 096

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xF050 (Device)
Subindex	0x60
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 1.24 F083 BTN

Description	Value
Index	0xF083 (Device)
Subindex	0x00
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 1.25 FB40:x Memory interface

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xFB40 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.25.1 FB40:01 Address

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xFB40 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.25.2 FB40:02 Length

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xFB40 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.25.3 FB40:03 Data

see ETG.5001.1 MDP GeneralSpec

Description	Value
Index	0xFB40 (Device)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Transmit
Revision	All

## 1.26 FB00:x Command

Description	Value
Index	0xFB00 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.26.1 FB00:01 Request

Description	Value
Index	0xFB00 (Device)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 1.26.2 FB00:02 Status

Description	Value
Index	0xFB00 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 1.26.3 FB00:03 Response

Description	Value
Index	0xFB00 (Device)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 2 Objects of module DeviceMain

### 2.1 1600:x DeviceMain Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1600 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All



## 2.2 16E0:x DeviceMain Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x16E0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 2.3 1A00:x DeviceMain Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1A00 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 2.4 1AE0:x DeviceMain Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1AE0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 2.5 2C00:x InputPDO1

This object contains manufacturer specific cyclic Writedata to the module DeviceMain.

Description	Value
Index	0x2C00 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.5.1 2C00:01 Power supply controlword

This object shall be linked to the Statusword of the connected PowerSupply device. (I.e. AX8620)

Description	Value
Index	0x2C00 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

## 2.6 2C01:x DeviceMain actual values

This object contains manufacturer specific actual Values from the Module DeviceMain.

Description	Value
Index	0x2C01 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.6.1 2C01:01 Auxiliary voltage

This object provides the actual value of the auxiliary voltage (nom. 24V).

Description	Value
Index	0x2C01 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 2.6.2 2C01:02 Sync lost counter

This object provides a diagnosis info about the number of Sync1 cycles without an output event.

Description	Value
Index	0x2C01 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 2.7 2C02:x DeviceMain Parameters

This object contains not mappable parameters of the DeviceMain module.

Description	Value
Index	0x2C02 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.7.1 2C02:01 Min DC link voltage

This object can be used to configure the minimal DC link voltage. Operating the drive with an actual DC link voltage below the configured value causes an error.

Description	Value
Index	0x2C02 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	0
Default	400 (0x0190)
Max. Value	500 (0x01F4)
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 2.7.2 2C02:02 Max DC link voltage

This object can be used to configure the maximum DC link voltage. Operating the drive with an actual DC link voltage above the configured value causes an error.

Description	Value
Index	0x2C02 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	875 (0x036B)
Max. Value	875 (0x036B)
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 2.7.3 2C02:03 Device max current

This object provides the peak current of the device.

Description	Value
Index	0x2C02 (Device)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.7.4 2C02:04 Device rated current

This object provides the rated current of the device.

Description	Value
Index	0x2C02 (Device)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.7.5 2C02:05 Mains max voltage

This object configures the maximal mains voltage of the device.

Description	Value
Index	0x2C02 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	0
Default	5280 (0x14A0)
Max. Value	5280 (0x14A0)
Unit	0,1 V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 2.7.6 2C02:06 Display brightness

This object configures the display brightness in %

Description	Value
Index	0x2C02 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	0
Default	100 (0x0064)
Max. Value	100 (0x0064)
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 2.8 2C03:x DeviceMain Power supply Connection

This object contains Parameters about the Connected Power supply Device.

Description	Value
Index	0x2C03 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.8.1 2C03:01 Power supply EtherCAT Address

Please enter the EtherCAT Address of the connected Power supply device here.

Description	Value
Index	0x2C03 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 2.8.2 2C03:02 Address valid

Shall be set to TRUE internally, if the given power supply EtherCAT Address is valid.



Description	Value
Index	0x2C03 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.8.3 2C03:03 Statusword active

Shall be set to TRUE internally, if the given power supply statusword seems to be alive.

Description	Value
Index	0x2C03 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.8.4 2C03:04 Readdata valid

Shall be set to TRUE internally, if the given power supply read data is valid.

Description	Value
Index	0x2C03 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.8.5 2C03:05 Device compatible

Shall be set to TRUE internally, if the connected power supply is detected as compatible.

Description	Value
Index	0x2C03 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 2.8.6 2C03:06 Connection mode

This object configures the active communication with the power supply device. It is not recommended, to use this object.

Description	Value
Index	0x2C03 (Device)
Subindex	0x06
Datatype	ENUM (UINT8)
Min. Value	
Default	MailBoxSlave2SlaveMode_DefaultOn (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	MailBoxSlave2SlaveMode_Off
0 (0x00)	MailBoxSlave2SlaveMode_DefaultOn

## 2.9 2C04:x DeviceMain Power supply Informations

This object contains parameters about the connected power supply.

Description	Value
Index	0x2C04 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.9.1 2C04:01 Device type

Power supply device type. (Object 0x1000 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.9.2 2C04:02 Device name

Power supply device name (Object 0x1008 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.9.3 2C04:03 Hardware version

Power supply hardware version (Object 0x1009 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.9.4 2C04:04 Software version

Power supply software version (Object 0x100A read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x04
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.9.5 2C04:05 Vendor ID

Power supply vendor ID (Object 0x1018:01 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.9.6 2C04:06 Product code

Power supply product code (Object 0x1018:02 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.9.7 2C04:07 Revision

Power supply revision (Object 0x1018:03 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.9.8 2C04:08 Serial number

Power supply serial number (Object 0x1018:04 read from the power supply via the configured EtherCAT address)

Description	Value
Index	0x2C04 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 2.9.9 2C04:09 Feature flags

Support of PWM Sync bit in the PSU Controlword that enables synchronisation of PWM of all axes behind a PSU module

Description	Value
Index	0x2C04 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 2.10 2C1D:x DeviceMain startup info

This object contains internal diagnosis informations.

Description	Value
Index	0x2C1D (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.10.1 2C1D:01 Startup state

This object provides diagnosis information about the generation state of the startup list.

Description	Value
Index	0x2C1D (Device)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

<b>Enum Value</b>	<b>Description</b>
4 (0x04)	invalid_Key_Type_B
3 (0x03)	invalid_Key_Type_A
2 (0x02)	Drive_Manager_modified
1 (0x01)	Drive_Manager
0 (0x00)	custom

## 2.11 2C1E:x DeviceMain error counter

This object contains internal diagnosis informations.

Description	Value
Index	0x2C1E (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.1 2C1E:01 Motor overload shut down

This object is a counter, which increments each diagnosis message of type 'Motor overload shut down'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.2 2C1E:02 Motor overtemperature shut down

This object is a counter, which increments each diagnosis message of type 'Motor overtemperature shut down'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 2.11.3 2C1E:03 Drive overtemperature shut down

This object is a counter, which increments each diagnosis message of type 'Drive overtemperature shut down'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.4 2C1E:04 Control voltage error

This object is a counter, which increments each diagnosis message of type 'Control voltage error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.5 2C1E:05 Feedback error

This object is a counter, which increments each diagnosis message of type 'Feedback error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.6 2C1E:06 Commutation error

This object is a counter, which increments each diagnosis message of type 'Commutation error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.7 2C1E:07 Overcurrent error

This object is a counter, which increments each diagnosis message of type 'Overcurrent error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.8 2C1E:08 Overvoltage error

This object is a counter, which increments each diagnosis message of type 'Overvoltage error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.9 2C1E:09 Undervoltage error

This object is a counter, which increments each diagnosis message of type 'Undervoltage error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.10 2C1E:0A Power supply phase error

This object is a counter, which increments each diagnosis message of type 'Power supply phase error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.11 2C1E:0B Communication error

This object is a counter, which increments each diagnosis message of type 'Communication error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.12 2C1E:0C TorqueOff with emergency brake

This object is a counter, which increments each diagnosis message of type 'TorqueOff with emergency brake'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.13 2C1E:0D Motor connection error

This object is a counter, which increments each diagnosis message of type 'Motor connection error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.14 2C1E:0E Safety STO error

This object is a counter, which increments each diagnosis message of type 'Safety STO error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.15 2C1E:0F Overspeed error

This object is a counter, which increments each diagnosis message of type 'Overspeed error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.16 2C1E:10 Motor Brake connection error

This object is a counter, which increments each diagnosis message of type 'Motor Brake connection error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.11.17 2C1E:11 DC link connection overcurrent error

This object is a counter, which increments each diagnosis message of type 'DC link connection overcurrent error'.

Description	Value
Index	0x2C1E (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 2.12 2C1F:x DeviceMain info

This object contains internal diagnosis informations.

Description	Value
Index	0x2C1F (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.12.1 2C1F:01 Operating time drive control

This object contains the operating time of the drive control (24V power up time).

Description	Value
Index	0x2C1F (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	s
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.12.2 2C1F:02 DC link voltage scaling gain

Calibration gain of the DC link voltage.

Description	Value
Index	0x2C1F (Device)
Subindex	0x02
Datatype	INT16
Min. Value	800 (0x0320)
Default	1000 (0x03E8)
Max. Value	1200 (0x04B0)
Unit	m
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.12.3 2C1F:03 DC link voltage offset

Calibration offset of the DC link voltage.

Description	Value
Index	0x2C1F (Device)
Subindex	0x03
Datatype	INT16
Min. Value	-50 (0xFFCE)
Default	0
Max. Value	50 (0x0032)
Unit	0,1 V
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.12.4 2C1F:04 Firmware compatibility index

This object contains a compatibility information for the minimum required set of features in the firmware.

Description	Value
Index	0x2C1F (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 2.12.5 2C1F:06 Internal chip ID

This object shows the internal chip ID.

Description	Value
Index	0x2C1F (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 2.12.6 2C1F:07 Frequency limitation

This object indicates whether the frequency limitation is active or not.

Description	Value
Index	0x2C1F (Device)
Subindex	0x07
Datatype	ENUM (UINT32)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Limitation_disabled
0 (0x00)	Limitation_active

## 2.13 6079 DC link circuit voltage

This object provides the actual value of the DC link voltage of the drive device.

Description	Value
Index	0x6079 (Device)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



## 3 Objects of module SafeMotion

### 3.1 15C0:x FSoE Slave Connection 1 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.1.1 15C0:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C0 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C1 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 3.2 15C1:x FSoE Master Connection 1 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.2.1 15C1:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C1 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C0 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.3 15C2:x FSoE Slave Connection 2 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.3.1 15C2:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C2 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C3 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.4 15C3:x FSoE Master Connection 2 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.4.1 15C3:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C3 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C2 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.5 15C4:x FSoE Slave Connection 3 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C4 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.5.1 15C4:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C4 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C5 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.6 15C5:x FSoE Master Connection 3 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C5 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.6.1 15C5:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C5 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C4 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.7 15C6:x FSoE Slave Connection 4 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C6 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.7.1 15C6:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C6 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C7 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.8 15C7:x FSoE Master Connection 4 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C7 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.8.1 15C7:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C7 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C6 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.9 15C8:x FSoE Slave Connection 5 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C8 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.9.1 15C8:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C8 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C9 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.10 15C9:x FSoE Master Connection 5 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C9 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.10.1 15C9:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15C9 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C8 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.11 15CA:x FSoE Slave Connection 6 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CA (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.11.1 15CA:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CA (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CB 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 3.12 15CB:x FSoE Master Connection 6 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CB (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.12.1 15CB:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CB (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CA 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.13 15CC:x FSoE Slave Connection 7 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CC (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.13.1 15CC:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CC (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CD 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.14 15CD:x FSoE Master Connection 7 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CD (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.14.1 15CD:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CD (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CC 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.15 15CE:x FSoE Slave Connection 8 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CE (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.15.1 15CE:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CE (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CF 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.16 15CF:x FSoE Master Connection 8 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CF (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.16.1 15CF:06 Exclude RxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x15CF (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CE 17
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.17 17C0:x FSoE Slave Connection 1 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17C0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.18 17C1:x FSoE Master Connection 1 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17C1 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.19 17C2:x FSoE Slave Connection 2 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17C2 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 3.20 17C3:x FSoE Master Connection 2 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17C3 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.21 17C4:x FSoE Slave Connection 3 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17C4 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 3.22 17C5:x FSoE Master Connection 3 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17C5 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.23 17C6:x FSoE Slave Connection 4 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17C6 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.24 17C7:x FSoE Master Connection 4 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17C7 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All



### 3.25 17C8:x FSoE Slave Connection 5 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17C8 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.26 17C9:x FSoE Master Connection 5 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17C9 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.27 17CA:x FSoE Slave Connection 6 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17CA (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.28 17CB:x FSoE Master Connection 6 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17CB (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.29 17CC:x FSoE Slave Connection 7 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17CC (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.30 17CD:x FSoE Master Connection 7 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17CD (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.31 17CE:x FSoE Slave Connection 8 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17CE (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.32 17CF:x FSoE Master Connection 8 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17CF (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All



### 3.33 17F0:x Standard Outputdata

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17F0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.34 17FF:x FSLOGIC RxPDO-Map Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x17FF (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.35 19C0:x FSoE Slave Connection 1 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.35.1 19C0:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C0 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C1 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.36 19C1:x FSoE Master Connection 1 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.36.1 19C1:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C1 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C0 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.37 19C2:x FSoE Slave Connection 2 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.37.1 19C2:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C2 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C3 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.38 19C3:x FSoE Master Connection 2 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.38.1 19C3:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C3 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C2 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.39 19C4:x FSoE Slave Connection 3 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C4 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.39.1 19C4:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C4 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C5 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.40 19C5:x FSoE Master Connection 3 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C5 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.40.1 19C5:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C5 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C4 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.41 19C6:x FSoE Slave Connection 4 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C6 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.41.1 19C6:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C6 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C7 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.42 19C7:x FSoE Master Connection 4 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C7 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.42.1 19C7:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C7 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C6 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.43 19C8:x FSoE Slave Connection 5 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C8 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.43.1 19C8:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C8 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C9 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.44 19C9:x FSoE Master Connection 5 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C9 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.44.1 19C9:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19C9 (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	C8 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.45 19CA:x FSoE Slave Connection 6 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CA (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.45.1 19CA:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CA (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CB 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.46 19CB:x FSoE Master Connection 6 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CB (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.46.1 19CB:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CB (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CA 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.47 19CC:x FSoE Slave Connection 7 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CC (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.47.1 19CC:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CC (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CD 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.48 19CD:x FSoE Master Connection 7 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CD (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.48.1 19CD:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CD (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CC 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.49 19CE:x FSoE Slave Connection 8 Slave Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CE (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.49.1 19CE:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CE (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CF 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.50 19CF:x FSoE Master Connection 8 Master Message-Par

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CF (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.50.1 19CF:06 Exclude TxPDOs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x19CF (Device)
Subindex	0x06
Datatype	OCTET_STRING
Min. Value	
Default	CE 1B
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.51 1BC0:x FSoE Slave Connection 1 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BC0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.52 1BC1:x FSoE Master Connection 1 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BC1 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.53 1BC2:x FSoE Slave Connection 2 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BC2 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.54 1BC3:x FSoE Master Connection 2 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BC3 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.55 1BC4:x FSoE Slave Connection 3 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BC4 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.56 1BC5:x FSoE Master Connection 3 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BC5 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All



### 3.57 1BC6:x FSoE Slave Connection 4 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BC6 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.58 1BC7:x FSoE Master Connection 4 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BC7 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.59 1BC8:x FSoE Slave Connection 5 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BC8 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.60 1BC9:x FSoE Master Connection 5 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BC9 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.61 1BCA:x FSoE Slave Connection 6 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BCA (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.62 1BCB:x FSoE Master Connection 6 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BCB (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.63 1BCC:x FSoE Slave Connection 7 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BCC (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.64 1BCD:x FSoE Master Connection 7 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BCD (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All



### 3.65 1BCE:x FSoE Slave Connection 8 Slave Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BCE (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.66 1BCF:x FSoE Master Connection 8 Master Message

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BCF (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.67 1BF0:x Standard Inputdata

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BF0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.68 1BF1:x Function Block Info Data

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BF1 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.69 1BF6:x Connection Info Data

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BF6 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.70 1BF9:x Group Info Data

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BF9 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 3.71 1BFB:x Device Info Data

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BFB (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 3.72 1BFF:x FSLOGIC TxPDO-Map Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1BFF (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.73 2D5F:x Safety info

This object contains internal diagnosis informations.

Description	Value
Index	0x2D5F (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.73.1 2D5F:01 Associated device

This object indicates the associated device serial number.

Description	Value
Index	0x2D5F (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.74 C002:x Ch A FSOUT STO Status

Description	Value
Index	0xC002 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.74.1 C002:01 Module Fault

Description	Value
Index	0xC002 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.75 C008:x Ch A FSOUT STO State

Description	Value
Index	0xC008 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.75.1 C008:01 Axis Enabled

Description	Value
Index	0xC008 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.76 C012:x Ch A FSOUT BRAKE Status

Description	Value
Index	0xC012 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.76.1 C012:01 Module Fault

Description	Value
Index	0xC012 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.77 C018:x Ch A FSOUT BRAKE Active

Description	Value
Index	0xC018 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.77.1 C018:01 Active

Description	Value
Index	0xC018 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.78 C021:x Ch A FSIN Inputs

Description	Value
Index	0xC021 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.78.1 C021:01 Channel 1.Input

Description	Value
Index	0xC021 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.78.2 C021:02 Channel 2.Input

Description	Value
Index	0xC021 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.79 C022:x Ch A FSIN Status

Description	Value
Index	0xC022 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.79.1 C022:01 Module Fault

Description	Value
Index	0xC022 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.80 C030:x Ch A FSDRIVE Encoder Inputs

Description	Value
Index	0xC030 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.80.1 C030:01 Underrange Encoder Voltage

Description	Value
Index	0xC030 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.80.2 C030:02 Overrange Encoder Voltage

Description	Value
Index	0xC030 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.80.3 C030:03 Module Fault

Description	Value
Index	0xC030 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.80.4 C030:04 Encoder Enable

Description	Value
Index	0xC030 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.80.5 C030:11 Encoder Voltage

Description	Value
Index	0xC030 (Device)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.81 C033:x Ch A FSDRIVE SoC Inputs

Description	Value
Index	0xC033 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.81.1 C033:01 Electrical Angle

Description	Value
Index	0xC033 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.81.2 C033:02 Current Iq

Description	Value
Index	0xC033 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.81.3 C033:03 Current Id

Description	Value
Index	0xC033 (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 3.82 C034:x Ch A FSDRIVE Axis Control

Description	Value
Index	0xC034 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.82.1 C034:01 Run

Description	Value
Index	0xC034 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.82.2 C034:02 ErrAck

Description	Value
Index	0xC034 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.83 C040:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Inputs

Description	Value
Index	0xC040 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.83.1 C040:01 Module Fault

Description	Value
Index	0xC040 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.83.2 C040:02 Encoder Ready

Description	Value
Index	0xC040 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.83.3 C040:03 Position Valid**

Description	Value
Index	0xC040 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.83.4 C040:04 SDI\_p**

Description	Value
Index	0xC040 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.83.5 C040:05 SDI\_n**

Description	Value
Index	0xC040 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.83.6 C040:06 Referencing Required

Description	Value
Index	0xC040 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.83.7 C040:07 Reference Position Valid

Description	Value
Index	0xC040 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.83.8 C040:11 Reference Multiturn Position

Description	Value
Index	0xC040 (Device)
Subindex	0x11
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.83.9 C040:12 Multiturn Position**

Description	Value
Index	0xC040 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.83.10 C040:13 Singleturn Position**

Description	Value
Index	0xC040 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.83.11 C040:14 Reference Singleturn Position**

Description	Value
Index	0xC040 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.84 C041:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Acceleration

Description	Value
Index	0xC041 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.84.1 C041:01 Max Value

Description	Value
Index	0xC041 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.84.2 C041:02 Average Value

Description	Value
Index	0xC041 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.85 C042:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Velocity

Description	Value
Index	0xC042 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.85.1 C042:01 Max Value

Description	Value
Index	0xC042 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.85.2 C042:02 Average Value

Description	Value
Index	0xC042 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.86 C043:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Torque

Description	Value
Index	0xC043 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.87 C044:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Inputs

Description	Value
Index	0xC044 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.87.1 C044:01 Module Fault

Description	Value
Index	0xC044 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.87.2 C044:02 Encoder Ready

Description	Value
Index	0xC044 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.87.3 C044:03 Position Valid**

Description	Value
Index	0xC044 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.87.4 C044:04 SDI\_p**

Description	Value
Index	0xC044 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.87.5 C044:05 SDI\_n**

Description	Value
Index	0xC044 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.87.6 C044:06 Referencing Required**

Description	Value
Index	0xC044 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.87.7 C044:07 Reference Position Valid**

Description	Value
Index	0xC044 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.87.8 C044:11 Reference Multiturn Position**

Description	Value
Index	0xC044 (Device)
Subindex	0x11
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.87.9 C044:12 Multiturn Position

Description	Value
Index	0xC044 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.87.10 C044:13 Singleturn Position

Description	Value
Index	0xC044 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.87.11 C044:14 Reference Singleturn Position

Description	Value
Index	0xC044 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.88 C045:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Acceleration

Description	Value
Index	0xC045 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.88.1 C045:01 Max Value

Description	Value
Index	0xC045 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.88.2 C045:02 Average Value

Description	Value
Index	0xC045 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.89 C046:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Velocity

Description	Value
Index	0xC046 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.89.1 C046:01 Max Value

Description	Value
Index	0xC046 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.89.2 C046:02 Average Value

Description	Value
Index	0xC046 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.90 C047:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Torque

Description	Value
Index	0xC047 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.91 C081:x Ch A FSOUT STO Outputs

Description	Value
Index	0xC081 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.91.1 C081:01 Channel 1.Output

Description	Value
Index	0xC081 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.91.2 C081:02 Channel 2.Output

Description	Value
Index	0xC081 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.91.3 C081:03 Channel 3.Output

Description	Value
Index	0xC081 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.91.4 C081:04 Channel 4.Output

Description	Value
Index	0xC081 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 3.92 C082:x Ch A FSOUT STO ErrAck

Description	Value
Index	0xC082 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.92.1 C082:01 ErrAck

Description	Value
Index	0xC082 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.93 C088:x Ch A FSOUT STO Control

Description	Value
Index	0xC088 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.93.1 C088:01 No STO

Description	Value
Index	0xC088 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.94 C091:x Ch A FSOUT BRAKE Outputs

Description	Value
Index	0xC091 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.94.1 C091:01 Enable

Description	Value
Index	0xC091 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.95 C092:x Ch A FSOUT BRAKE ErrAck

Description	Value
Index	0xC092 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.95.1 C092:01 ErrAck

Description	Value
Index	0xC092 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.96 C0A2:x Ch A FSIN ErrAck

Description	Value
Index	0xC0A2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.96.1 C0A2:01 ErrAck

Description	Value
Index	0xC0A2 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.97 C0B0:x Ch A FSDRIVE Encoder Outputs

Description	Value
Index	0xC0B0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.97.1 C0B0:01 ErrAck

Description	Value
Index	0xC0B0 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.98 C0B4:x Ch A FSDRIVE Axis Status

Description	Value
Index	0xC0B4 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	14 (0x0E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.98.1 C0B4:01 Group Error

Description	Value
Index	0xC0B4 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.98.2 C0B4:02 Axis STO Error

Description	Value
Index	0xC0B4 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.98.3 C0B4:03 Axis Digital Inputs Error**

Description	Value
Index	0xC0B4 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.98.4 C0B4:04 Axis Brake Error**

Description	Value
Index	0xC0B4 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.98.5 C0B4:05 Encoder Undervoltage Error**

Description	Value
Index	0xC0B4 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.98.6 C0B4:06 Encoder Overvoltage Error**

Description	Value
Index	0xC0B4 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.98.7 C0B4:07 Encoder Module Enabled**

Description	Value
Index	0xC0B4 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.98.8 C0B4:08 Primary Safety Feedback Error**

Description	Value
Index	0xC0B4 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.98.9 C0B4:09 Secondary Safety Feedback Error**

Description	Value
Index	0xC0B4 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.98.10 C0B4:0A Global Shutdown**

Description	Value
Index	0xC0B4 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.98.11 C0B4:0B Status 10**

Description	Value
Index	0xC0B4 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.98.12 C0B4:0C Status 11**

Description	Value
Index	0xC0B4 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.98.13 C0B4:0D Status 12**

Description	Value
Index	0xC0B4 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.98.14 C0B4:0E Status 13**

Description	Value
Index	0xC0B4 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.99 C0B6:x Ch A FSDRIVE Drive Commands

Description	Value
Index	0xC0B6 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.99.1 C0B6:01 DriveCmd 1

Description	Value
Index	0xC0B6 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.99.2 C0B6:02 DriveCmd 2

Description	Value
Index	0xC0B6 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.99.3 C0B6:03 DriveCmd 3**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.4 C0B6:04 DriveCmd 4**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.5 C0B6:05 DriveCmd 5**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.6 C0B6:06 DriveCmd 6**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.7 C0B6:07 DriveCmd 7**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.8 C0B6:08 DriveCmd 8**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.9 C0B6:09 DriveCmd 9**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.10 C0B6:0A DriveCmd 10**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.11 C0B6:0B DriveCmd 11**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.12 C0B6:0C DriveCmd 12**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.13 C0B6:0D DriveCmd 13**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.14 C0B6:0E DriveCmd 14**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.15 C0B6:0F DriveCmd 15**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.99.16 C0B6:10 DriveCmd 16**

Description	Value
Index	0xC0B6 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.100 C0B7:x Ch A FSDRIVE Trigger Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.100.1 C0B7:01 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.100.2 C0B7:02 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.100.3 C0B7:03 Diag Message**

Description	Value
Index	0xC0B7 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.100.4 C0B7:04 Diag Message**

Description	Value
Index	0xC0B7 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.100.5 C0B7:05 Diag Message**

Description	Value
Index	0xC0B7 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.100.6 C0B7:06 Diag Message**

Description	Value
Index	0xC0B7 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.100.7 C0B7:07 Diag Message**

Description	Value
Index	0xC0B7 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.100.8 C0B7:08 Diag Message**

Description	Value
Index	0xC0B7 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.100.9 C0B7:09 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.100.10 C0B7:0A Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.100.11 C0B7:0B Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.100.12 C0B7:0C Diag Message**

Description	Value
Index	0xC0B7 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.100.13 C0B7:0D Diag Message**

Description	Value
Index	0xC0B7 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.100.14 C0B7:0E Diag Message**

Description	Value
Index	0xC0B7 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.100.15 C0B7:0F Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.100.16 C0B7:10 Diag Message

Description	Value
Index	0xC0B7 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.101 C0C0:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Outputs

Description	Value
Index	0xC0C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.101.1 C0C0:01 Enable

Description	Value
Index	0xC0C0 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.101.2 C0C0:02 ErrAck

Description	Value
Index	0xC0C0 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.101.3 C0C0:03 SetReference

Description	Value
Index	0xC0C0 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.102 C0C2:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Outputs

Description	Value
Index	0xC0C2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.102.1 C0C2:01 Enable

Description	Value
Index	0xC0C2 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.102.2 C0C2:02 ErrAck

Description	Value
Index	0xC0C2 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.102.3 C0C2:03 SetReference

Description	Value
Index	0xC0C2 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.103 C100:x Ch A FSOUT STO Settings Common

Description	Value
Index	0xC100 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.103.1 C100:01 ModuloDiagTestPulse

Description	Value
Index	0xC100 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

#### 3.103.2 C100:02 MultiplierDiagTestPulse

Description	Value
Index	0xC100 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	1 (0x01)
Default	1 (0x01)
Max. Value	255 (0xFF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



### 3.103.3 C100:03 Standard Outputs active

Description	Value
Index	0xC100 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.103.4 C100:04 Diag TestPulse active

Description	Value
Index	0xC100 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	TRUE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.104 C110:x Ch A FSOUT BRAKE Settings Common

Description	Value
Index	0xC110 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.104.1 C110:01 ModuloDiagTestPulse

Description	Value
Index	0xC110 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	100 (0x64)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

#### 3.104.2 C110:02 MultiplierDiagTestPulse

Description	Value
Index	0xC110 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	1 (0x01)
Default	1 (0x01)
Max. Value	255 (0xFF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.104.3 C110:03 Standard Outputs active

Description	Value
Index	0xC110 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	TRUE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.104.4 C110:04 Diag TestPulse active

Description	Value
Index	0xC110 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	TRUE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.105 C120:x Ch A FSIN Settings Common

Description	Value
Index	0xC120 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.105.1 C120:01 ModuloDiagTestPulse

Description	Value
Index	0xC120 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

#### 3.105.2 C120:02 MultiplierDiagTestPulse

Description	Value
Index	0xC120 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	1 (0x01)
Default	1 (0x01)
Max. Value	255 (0xFF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.105.3 C120:04 Diag TestPulse active

Description	Value
Index	0xC120 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	TRUE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.106 C121:x Ch A FSIN Settings Channel

Description	Value
Index	0xC121 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.106.1 C121:01 Channel 1.InputFilterTime (in 125 us)

Description	Value
Index	0xC121 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	1 (0x0001)
Default	28 (0x001C)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

#### 3.106.2 C121:02 Channel 1.DiagTestPulseFilterTime

Description	Value
Index	0xC121 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	1 (0x0001)
Default	2 (0x0002)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.106.3 C121:04 Channel 2.InputFilterTime (in 125 us)**

Description	Value
Index	0xC121 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	1 (0x0001)
Default	28 (0x001C)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.106.4 C121:05 Channel 2.DiagTestPulseFilterTime**

Description	Value
Index	0xC121 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	1 (0x0001)
Default	2 (0x0002)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.107 C130:x Ch A FSDRIVE Settings

Description	Value
Index	0xC130 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.107.1 C130:01 Brake Control Enabled

Description	Value
Index	0xC130 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

#### 3.107.2 C130:02 Primary Feedback Enabled

Description	Value
Index	0xC130 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



### 3.107.3 C130:03 Secondary Feedback Enabled

Description	Value
Index	0xC130 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.108 C140:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Settings

Description	Value
Index	0xC140 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.108.1 C140:01 Average Calculation Acceleration

Description	Value
Index	0xC140 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

### 3.108.2 C140:05 Average Calculation Velocity

Description	Value
Index	0xC140 (Device)
Subindex	0x05
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

### 3.108.3 C140:0D Maximum Safe Position Deviation

Description	Value
Index	0xC140 (Device)
Subindex	0x0D
Datatype	ENUM (UINT4)
Min. Value	
Default	Default Value (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
15 (0x0F)	16 Safe Position Increments
14 (0x0E)	15 Safe Position Increments
13 (0x0D)	14 Safe Position Increments
12 (0x0C)	13 Safe Position Increments
11 (0x0B)	12 Safe Position Increments
10 (0x0A)	11 Safe Position Increments
9 (0x09)	10 Safe Position Increments
8 (0x08)	9 Safe Position Increments
7 (0x07)	8 Safe Position Increments
6 (0x06)	7 Safe Position Increments
5 (0x05)	6 Safe Position Increments
4 (0x04)	5 Safe Position Increments
3 (0x03)	4 Safe Position Increments
2 (0x02)	3 Safe Position Increments
1 (0x01)	2 Safe Position Increments
0 (0x00)	Default Value

### 3.108.4 C140:11 Encoder Direction Shift

Description	Value
Index	0xC140 (Device)
Subindex	0x11
Datatype	BIT5
Min. Value	0x00
Default	0x00
Max. Value	0x0F
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.108.5 C140:19 Encoder Position Shift

Description	Value
Index	0xC140 (Device)
Subindex	0x19
Datatype	BIT6
Min. Value	0x00
Default	0x00
Max. Value	0x3D
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.108.6 C140:17 Enable 64 Bit Division

Description	Value
Index	0xC140 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.109 C141:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Settings

Description	Value
Index	0xC141 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.109.1 C141:01 Average Calculation Acceleration

Description	Value
Index	0xC141 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

### 3.109.2 C141:05 Average Calculation Velocity

Description	Value
Index	0xC141 (Device)
Subindex	0x05
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

### 3.109.3 C141:0D Maximum Safe Position Deviation

Description	Value
Index	0xC141 (Device)
Subindex	0x0D
Datatype	ENUM (UINT4)
Min. Value	
Default	Default Value (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
15 (0x0F)	16 Safe Position Increments
14 (0x0E)	15 Safe Position Increments
13 (0x0D)	14 Safe Position Increments
12 (0x0C)	13 Safe Position Increments
11 (0x0B)	12 Safe Position Increments
10 (0x0A)	11 Safe Position Increments
9 (0x09)	10 Safe Position Increments
8 (0x08)	9 Safe Position Increments
7 (0x07)	8 Safe Position Increments
6 (0x06)	7 Safe Position Increments
5 (0x05)	6 Safe Position Increments
4 (0x04)	5 Safe Position Increments
3 (0x03)	4 Safe Position Increments
2 (0x02)	3 Safe Position Increments
1 (0x01)	2 Safe Position Increments
0 (0x00)	Default Value

### 3.109.4 C141:11 Encoder Direction Shift

Description	Value
Index	0xC141 (Device)
Subindex	0x11
Datatype	BIT5
Min. Value	0x00
Default	0x00
Max. Value	0x0F
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.109.5 C141:19 Encoder Position Shift

Description	Value
Index	0xC141 (Device)
Subindex	0x19
Datatype	BIT6
Min. Value	0x00
Default	0x00
Max. Value	0x3D
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.109.6 C141:17 Enable 64 Bit Division

Description	Value
Index	0xC141 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.110 C142:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Referencing Settings

Description	Value
Index	0xC142 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.110.1 C142:01 Operation Mode

Description	Value
Index	0xC142 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	
Default	Referencing disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Manual Referencing
2 (0x02)	Automatic Referencing, Set Reference Position enabled
1 (0x01)	Automatic Referencing, Set Reference Position disabled
0 (0x00)	Referencing disabled



### 3.110.2 C142:11 Reference SafePostion Singleturn

Description	Value
Index	0xC142 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.110.3 C142:12 Reference SafePosition Multiturn

Description	Value
Index	0xC142 (Device)
Subindex	0x12
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.110.4 C142:13 Speed at Reference Position

Description	Value
Index	0xC142 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.110.5 C142:14 Maximum Singleturn Referenced SafePosition**

Description	Value
Index	0xC142 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.110.6 C142:15 Maximum Multiturn Referenced SafePosition**

Description	Value
Index	0xC142 (Device)
Subindex	0x15
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.110.7 C142:16 Minimum Singleturn Referenced SafePosition**

Description	Value
Index	0xC142 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.110.8 C142:17 Minimum Multiturn Referenced SafePosition

Description	Value
Index	0xC142 (Device)
Subindex	0x17
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.110.9 C142:18 Deviation Startup Position

Description	Value
Index	0xC142 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.111 C143:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Referencing Settings

Description	Value
Index	0xC143 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.111.1 C143:01 Operation Mode

Description	Value
Index	0xC143 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	
Default	Referencing disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Manual Referencing
2 (0x02)	Automatic Referencing, Set Reference Position enabled
1 (0x01)	Automatic Referencing, Set Reference Position disabled
0 (0x00)	Referencing disabled

#### 3.111.2 C143:11 Reference SafePostion Singleturn

Description	Value
Index	0xC143 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.111.3 C143:12 Reference SafePosition Multiturn**

Description	Value
Index	0xC143 (Device)
Subindex	0x12
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.111.4 C143:13 Speed at Reference Position**

Description	Value
Index	0xC143 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.111.5 C143:14 Maximum Singleturn Referenced SafePosition**

Description	Value
Index	0xC143 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.111.6 C143:15 Maximum Multiturn Referenced SafePosition**

Description	Value
Index	0xC143 (Device)
Subindex	0x15
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.111.7 C143:16 Minimum Singleturn Referenced SafePosition**

Description	Value
Index	0xC143 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.111.8 C143:17 Minimum Multiturn Referenced SafePosition**

Description	Value
Index	0xC143 (Device)
Subindex	0x17
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.111.9 C143:18 Deviation Startup Position

Description	Value
Index	0xC143 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.112 C1B0:x Ch A FSDRIVE SoC Info Data

Description	Value
Index	0xC1B0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.112.1 C1B0:01 Current Phase U

Description	Value
Index	0xC1B0 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.112.2 C1B0:02 Current Phase V

Description	Value
Index	0xC1B0 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.112.3 C1B0:03 Current Phase W

Description	Value
Index	0xC1B0 (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.113 C230:x Ch A FSDRIVE Encoder Diag Data

Description	Value
Index	0xC230 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.113.1 C230:01 State

Description	Value
Index	0xC230 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.113.2 C230:02 Error Code

Description	Value
Index	0xC230 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114 C240:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Parameter

Description	Value
Index	0xC240 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	37 (0x25)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.114.1 C240:01 Encoder Identification

Description	Value
Index	0xC240 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.114.2 C240:02 ID

Description	Value
Index	0xC240 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.3 C240:03 SN**

Description	Value
Index	0xC240 (Device)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.4 C240:04 Protocol**

Safety OCT, EnDat 2.2 or EnDat 3

Description	Value
Index	0xC240 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.5 C240:05 Encoder Type**

rotary or linear encoder type

Description	Value
Index	0xC240 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.6 C240:06 Reserved\_0

Description	Value
Index	0xC240 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.7 C240:07 Motor Serial Number

Description	Value
Index	0xC240 (Device)
Subindex	0x07
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.8 C240:08 EnDat Multiturn Bits

Description	Value
Index	0xC240 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.9 C240:09 EnDat Singleturn Bits**

Description	Value
Index	0xC240 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.10 C240:0A EnDat Short Recovery Time**

Description	Value
Index	0xC240 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.11 C240:0B EnDat  
NonSafetyRelevantSubdivisionOfTheRelativePosition**

Description	Value
Index	0xC240 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.12 C240:0C EnDat NonSafetyRelevantSubdivisionOfTheAbsolutePosition**

Description	Value
Index	0xC240 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.13 C240:0D EnDat NumberOfClocksForPosValue**

Description	Value
Index	0xC240 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.14 C240:0E EnDat Forced Sampling Status**

Description	Value
Index	0xC240 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.15 C240:0F EnDat OffsetBetweenPosValueAndPosValue2**

Description	Value
Index	0xC240 (Device)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.16 C240:10 EnDat SafetyRelevantMeasuringSteps**

Description	Value
Index	0xC240 (Device)
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.17 C240:11 EnDat Datum Shift**

Description	Value
Index	0xC240 (Device)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.114.18 C240:12 SafetyOCT SafetyRelatedEncResolutionCh1**

Description	Value
Index	0xC240 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.19 C240:13 SafetyOCT SafetyRelatedEncResolutionCh2**

Description	Value
Index	0xC240 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.20 C240:14 SafetyOCT Encoder Range**

Description	Value
Index	0xC240 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.21 C240:15 SafetyOCT Reserved\_1**

Description	Value
Index	0xC240 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.22 C240:16 SafetyOCT Firmware**

Description	Value
Index	0xC240 (Device)
Subindex	0x16
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.23 C240:17 SafetyOCT Firmware Date**

Description	Value
Index	0xC240 (Device)
Subindex	0x17
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.24 C240:18 SafetyOCT Encoder Index**

Description	Value
Index	0xC240 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.25 C240:19 SafetyOCT Encoder Index Status**

Description	Value
Index	0xC240 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.26 C240:1A SafetyOCT Position Offset**

Description	Value
Index	0xC240 (Device)
Subindex	0x1A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.27 C240:1B Primary Feedback Parameter CRC**

Description	Value
Index	0xC240 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.114.28 C240:08 EnDat 2.2 Multiturn Bits

Description	Value
Index	0xC240 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.29 C240:09 EnDat 2.2 Singleturn Bits

Description	Value
Index	0xC240 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.30 C240:0A EnDat 2.2 Short Recovery Time

Description	Value
Index	0xC240 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.31 C240:0B EnDat 2.2 NonSafetyRelevantSubdivisionOfTheRelativePosition

Description	Value
Index	0xC240 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.32 C240:0C EnDat 2.2 NonSafetyRelevantSubdivisionOfTheAbsolutePosition

Description	Value
Index	0xC240 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.33 C240:0D EnDat 2.2 NumberOfClocksForPosValue

Description	Value
Index	0xC240 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.34 C240:0E EnDat 2.2 Forced Sampling Status

Description	Value
Index	0xC240 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.35 C240:0F EnDat 2.2 OffsetBetweenPosValueAndPosValue2

Description	Value
Index	0xC240 (Device)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.36 C240:10 EnDat 2.2 SafetyRelevantMeasuringSteps

Description	Value
Index	0xC240 (Device)
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.37 C240:11 EnDat 2.2 Datum Shift**

Description	Value
Index	0xC240 (Device)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.38 C240:1C EnDat 3 DataTestLowerLimitPos**

Description	Value
Index	0xC240 (Device)
Subindex	0x1C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.39 C240:1D EnDat 3 DataTestUpperLimitPos**

Description	Value
Index	0xC240 (Device)
Subindex	0x1D
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.114.40 C240:1E EnDat 3 DataTestOffsetPosFS

Description	Value
Index	0xC240 (Device)
Subindex	0x1E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.41 C240:1F EnDat 3 DataTestOffsetPos

Description	Value
Index	0xC240 (Device)
Subindex	0x1F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.42 C240:20 EnDat 3 DataTestNumSafePosBits

Description	Value
Index	0xC240 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.43 C240:21 EnDat 3 SafetyBits**

Description	Value
Index	0xC240 (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.44 C240:22 EnDat 3 AxisAddress**

Description	Value
Index	0xC240 (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.114.45 C240:23 EnDat 3 Multiturn Bits**

Description	Value
Index	0xC240 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.46 C240:24 EnDat 3 Singleturn Bits

Description	Value
Index	0xC240 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.114.47 C240:25 Primary Feedback EnDat3 Parameter CRC

Description	Value
Index	0xC240 (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.115 C241:x Ch A SAFEDRIVEFEEDBACK Primary Feedback State

Description	Value
Index	0xC241 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.115.1 C241:01 Feedback Drive Application State

Description	Value
Index	0xC241 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.116 C242:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Parameter

Description	Value
Index	0xC242 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	37 (0x25)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.116.1 C242:01 Encoder Identification

Description	Value
Index	0xC242 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.116.2 C242:02 ID

Description	Value
Index	0xC242 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.3 C242:03 SN**

Description	Value
Index	0xC242 (Device)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.4 C242:04 Protocol**

Safety OCT, EnDat 2.2 or EnDat 3

Description	Value
Index	0xC242 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.5 C242:05 Encoder Type**

rotary or linear encoder type

Description	Value
Index	0xC242 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.116.6 C242:06 Reserved\_0

Description	Value
Index	0xC242 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.116.7 C242:07 Motor Serial Number

Description	Value
Index	0xC242 (Device)
Subindex	0x07
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.116.8 C242:08 EnDat Multiturn Bits

Description	Value
Index	0xC242 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.9 C242:09 EnDat Singleturn Bits**

Description	Value
Index	0xC242 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.10 C242:0A EnDat Short Recovery Time**

Description	Value
Index	0xC242 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.11 C242:0B EnDat  
NonSafetyRelevantSubdivisionOfTheRelativePosition**

Description	Value
Index	0xC242 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.116.12 C242:0C EnDat NonSafetyRelevantSubdivisionOfTheAbsolutePosition**

Description	Value
Index	0xC242 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.13 C242:0D EnDat NumberOfClocksForPosValue**

Description	Value
Index	0xC242 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.14 C242:0E EnDat Forced Sampling Status**

Description	Value
Index	0xC242 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.15 C242:0F EnDat OffsetBetweenPosValueAndPosValue2**

Description	Value
Index	0xC242 (Device)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.16 C242:10 EnDat SafetyRelevantMeasuringSteps**

Description	Value
Index	0xC242 (Device)
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.17 C242:11 EnDat Datum Shift**

Description	Value
Index	0xC242 (Device)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.18 C242:12 SafetyOCT SafetyRelatedEncResolutionCh1**

Description	Value
Index	0xC242 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.19 C242:13 SafetyOCT SafetyRelatedEncResolutionCh2**

Description	Value
Index	0xC242 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.20 C242:14 SafetyOCT Encoder Range**

Description	Value
Index	0xC242 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.21 C242:15 SafetyOCT Reserved\_1**

Description	Value
Index	0xC242 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.22 C242:16 SafetyOCT Firmware**

Description	Value
Index	0xC242 (Device)
Subindex	0x16
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.23 C242:17 SafetyOCT Firmware Date**

Description	Value
Index	0xC242 (Device)
Subindex	0x17
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.116.24 C242:18 SafetyOCT Encoder Index

Description	Value
Index	0xC242 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.116.25 C242:19 SafetyOCT Encoder Index Status

Description	Value
Index	0xC242 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.116.26 C242:1A SafetyOCT Position Offset

Description	Value
Index	0xC242 (Device)
Subindex	0x1A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.27 C242:1B Secondary Feedback Parameter CRC**

Description	Value
Index	0xC242 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.116.28 C242:08 EnDat 2.2 Multiturn Bits**

Description	Value
Index	0xC242 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.29 C242:09 EnDat 2.2 Singleturn Bits**

Description	Value
Index	0xC242 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.30 C242:0A EnDat 2.2 Short Recovery Time**

Description	Value
Index	0xC242 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.116.31 C242:0B EnDat 2.2 NonSafetyRelevantSubdivisionOfTheRelativePosition

Description	Value
Index	0xC242 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.116.32 C242:0C EnDat 2.2 NonSafetyRelevantSubdivisionOfTheAbsolutePosition

Description	Value
Index	0xC242 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.116.33 C242:0D EnDat 2.2 NumberOfClocksForPosValue

Description	Value
Index	0xC242 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.116.34 C242:0E EnDat 2.2 Forced Sampling Status**

Description	Value
Index	0xC242 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.35 C242:0F EnDat 2.2 OffsetBetweenPosValueAndPosValue2**

Description	Value
Index	0xC242 (Device)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.36 C242:10 EnDat 2.2 SafetyRelevantMeasuringSteps**

Description	Value
Index	0xC242 (Device)
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.37 C242:11 EnDat 2.2 Datum Shift**

Description	Value
Index	0xC242 (Device)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.38 C242:1C EnDat 3 DataTestLowerLimitPos**

Description	Value
Index	0xC242 (Device)
Subindex	0x1C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.39 C242:1D EnDat 3 DataTestUpperLimitPos**

Description	Value
Index	0xC242 (Device)
Subindex	0x1D
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.40 C242:1E EnDat 3 DataTestOffsetPosFS**

Description	Value
Index	0xC242 (Device)
Subindex	0x1E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.41 C242:1F EnDat 3 DataTestOffsetPos**

Description	Value
Index	0xC242 (Device)
Subindex	0x1F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.42 C242:20 EnDat 3 DataTestNumSafePosBits**

Description	Value
Index	0xC242 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.43 C242:21 EnDat 3 SafetyBits**

Description	Value
Index	0xC242 (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.44 C242:22 EnDat 3 AxisAddress**

Description	Value
Index	0xC242 (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.116.45 C242:23 EnDat 3 Multiturn Bits**

Description	Value
Index	0xC242 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.116.46 C242:24 EnDat 3 Singleturn Bits

Description	Value
Index	0xC242 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.116.47 C242:25 Secondary Feedback EnDat3 Parameter CRC

Description	Value
Index	0xC242 (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.117 C243:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback State

Description	Value
Index	0xC243 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.117.1 C243:01 Feedback Drive Application State

Description	Value
Index	0xC243 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.118 C24C:x Ch A SAFEDRIVEFEEDBACK Primary Feedback Diag Data

Description	Value
Index	0xC24C (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.118.1 C24C:01 State

Description	Value
Index	0xC24C (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.118.2 C24C:02 Error Code

Description	Value
Index	0xC24C (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.119 C24D:x Ch A SAFEDRIVEFEEDBACK Secondary Feedback Diag Data

Description	Value
Index	0xC24D (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.119.1 C24D:01 State

Description	Value
Index	0xC24D (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.119.2 C24D:02 Error Code

Description	Value
Index	0xC24D (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.120 C282:x Ch B FSOUT STO Status

Description	Value
Index	0xC282 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.120.1 C282:01 Module Fault

Description	Value
Index	0xC282 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.121 C288:x Ch B FSOUT STO State

Description	Value
Index	0xC288 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.121.1 C288:01 Axis Enabled

Description	Value
Index	0xC288 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.122 C292:x Ch B FSOUT BRAKE Status

Description	Value
Index	0xC292 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.122.1 C292:01 Module Fault

Description	Value
Index	0xC292 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.123 C298:x Ch B FSOUT BRAKE Active

Description	Value
Index	0xC298 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.123.1 C298:01 Active

Description	Value
Index	0xC298 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.124 C2A1:x Ch B FSIN Inputs

Description	Value
Index	0xC2A1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.124.1 C2A1:01 Channel 1.Input

Description	Value
Index	0xC2A1 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.124.2 C2A1:02 Channel 2.Input

Description	Value
Index	0xC2A1 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.125 C2A2:x Ch B FSIN Status

Description	Value
Index	0xC2A2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.125.1 C2A2:01 Module Fault

Description	Value
Index	0xC2A2 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.126 C2B0:x Ch B FSDRIVE Encoder Inputs

Description	Value
Index	0xC2B0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.126.1 C2B0:01 Underrange Encoder Voltage

Description	Value
Index	0xC2B0 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.126.2 C2B0:02 Overrange Encoder Voltage

Description	Value
Index	0xC2B0 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.126.3 C2B0:03 Module Fault**

Description	Value
Index	0xC2B0 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.126.4 C2B0:04 Encoder Enable**

Description	Value
Index	0xC2B0 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.126.5 C2B0:11 Encoder Voltage**

Description	Value
Index	0xC2B0 (Device)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.127 C2B3:x Ch B FSDRIVE SoC Inputs

Description	Value
Index	0xC2B3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.127.1 C2B3:01 Electrical Angle

Description	Value
Index	0xC2B3 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.127.2 C2B3:02 Current Iq

Description	Value
Index	0xC2B3 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.127.3 C2B3:03 Current Id**

Description	Value
Index	0xC2B3 (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.128 C2B4:x Ch B FSDRIVE Axis Control

Description	Value
Index	0xC2B4 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.128.1 C2B4:01 Run

Description	Value
Index	0xC2B4 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.128.2 C2B4:02 ErrAck

Description	Value
Index	0xC2B4 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.129 C2C0:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Inputs

Description	Value
Index	0xC2C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.129.1 C2C0:01 Module Fault

Description	Value
Index	0xC2C0 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.129.2 C2C0:02 Encoder Ready

Description	Value
Index	0xC2C0 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.129.3 C2C0:03 Position Valid**

Description	Value
Index	0xC2C0 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.129.4 C2C0:04 SDI\_p**

Description	Value
Index	0xC2C0 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.129.5 C2C0:05 SDI\_n**

Description	Value
Index	0xC2C0 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.129.6 C2C0:06 Referencing Required**

Description	Value
Index	0xC2C0 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.129.7 C2C0:07 Reference Position Valid**

Description	Value
Index	0xC2C0 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.129.8 C2C0:11 Reference Multiturn Position**

Description	Value
Index	0xC2C0 (Device)
Subindex	0x11
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.129.9 C2C0:12 Multiturn Position

Description	Value
Index	0xC2C0 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.129.10 C2C0:13 Singleturn Position

Description	Value
Index	0xC2C0 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.129.11 C2C0:14 Reference Singleturn Position

Description	Value
Index	0xC2C0 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.130 C2C1:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Acceleration

Description	Value
Index	0xC2C1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.130.1 C2C1:01 Max Value

Description	Value
Index	0xC2C1 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.130.2 C2C1:02 Average Value

Description	Value
Index	0xC2C1 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.131 C2C2:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Velocity

Description	Value
Index	0xC2C2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.131.1 C2C2:01 Max Value

Description	Value
Index	0xC2C2 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.131.2 C2C2:02 Average Value

Description	Value
Index	0xC2C2 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.132 C2C3:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Torque

Description	Value
Index	0xC2C3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.133 C2C4:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Inputs

Description	Value
Index	0xC2C4 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.133.1 C2C4:01 Module Fault

Description	Value
Index	0xC2C4 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.133.2 C2C4:02 Encoder Ready

Description	Value
Index	0xC2C4 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.133.3 C2C4:03 Position Valid**

Description	Value
Index	0xC2C4 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.133.4 C2C4:04 SDI\_p**

Description	Value
Index	0xC2C4 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.133.5 C2C4:05 SDI\_n**

Description	Value
Index	0xC2C4 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.133.6 C2C4:06 Referencing Required

Description	Value
Index	0xC2C4 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.133.7 C2C4:07 Reference Position Valid

Description	Value
Index	0xC2C4 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.133.8 C2C4:11 Reference Multiturn Position

Description	Value
Index	0xC2C4 (Device)
Subindex	0x11
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.133.9 C2C4:12 Multiturn Position**

Description	Value
Index	0xC2C4 (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.133.10 C2C4:13 Singleturn Position**

Description	Value
Index	0xC2C4 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.133.11 C2C4:14 Reference Singleturn Position**

Description	Value
Index	0xC2C4 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.134 C2C5:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Acceleration

Description	Value
Index	0xC2C5 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.134.1 C2C5:01 Max Value

Description	Value
Index	0xC2C5 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.134.2 C2C5:02 Average Value

Description	Value
Index	0xC2C5 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.135 C2C6:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Velocity

Description	Value
Index	0xC2C6 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.135.1 C2C6:01 Max Value

Description	Value
Index	0xC2C6 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.135.2 C2C6:02 Average Value

Description	Value
Index	0xC2C6 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.136 C2C7:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Torque

Description	Value
Index	0xC2C7 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.137 C301:x Ch B FSOUT STO Outputs

Description	Value
Index	0xC301 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.137.1 C301:01 Channel 1.Output

Description	Value
Index	0xC301 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.137.2 C301:02 Channel 2.Output

Description	Value
Index	0xC301 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.137.3 C301:03 Channel 3.Output

Description	Value
Index	0xC301 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.137.4 C301:04 Channel 4.Output

Description	Value
Index	0xC301 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.138 C302:x Ch B FSOUT STO ErrAck

Description	Value
Index	0xC302 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.138.1 C302:01 ErrAck

Description	Value
Index	0xC302 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.139 C308:x Ch B FSOUT STO Control

Description	Value
Index	0xC308 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.139.1 C308:01 No STO

Description	Value
Index	0xC308 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.140 C311:x Ch B FSOUT BRAKE Outputs

Description	Value
Index	0xC311 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.140.1 C311:01 Enable

Description	Value
Index	0xC311 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.141 C312:x Ch B FSOUT BRAKE ErrAck

Description	Value
Index	0xC312 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.141.1 C312:01 ErrAck

Description	Value
Index	0xC312 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.142 C322:x Ch B FSIN ErrAck

Description	Value
Index	0xC322 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.142.1 C322:01 ErrAck

Description	Value
Index	0xC322 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.143 C330:x Ch B FSDRIVE Encoder Outputs

Description	Value
Index	0xC330 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.143.1 C330:01 ErrAck

Description	Value
Index	0xC330 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.144 C334:x Ch B FSDRIVE Axis Status

Description	Value
Index	0xC334 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	14 (0x0E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.144.1 C334:01 Group Error

Description	Value
Index	0xC334 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.144.2 C334:02 Axis STO Error

Description	Value
Index	0xC334 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.144.3 C334:03 Axis Digital Inputs Error

Description	Value
Index	0xC334 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.144.4 C334:04 Axis Brake Error

Description	Value
Index	0xC334 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.144.5 C334:05 Encoder Undervoltage Error

Description	Value
Index	0xC334 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.144.6 C334:06 Encoder Overvoltage Error**

Description	Value
Index	0xC334 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.144.7 C334:07 Encoder Module Enabled**

Description	Value
Index	0xC334 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.144.8 C334:08 Primary Safety Feedback Error**

Description	Value
Index	0xC334 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.144.9 C334:09 Secondary Safety Feedback Error

Description	Value
Index	0xC334 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.144.10 C334:0A Global Shutdown

Description	Value
Index	0xC334 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.144.11 C334:0B Status 10

Description	Value
Index	0xC334 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.144.12 C334:0C Status 11**

Description	Value
Index	0xC334 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.144.13 C334:0D Status 12**

Description	Value
Index	0xC334 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.144.14 C334:0E Status 13**

Description	Value
Index	0xC334 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.145 C336:x Ch B FSDRIVE Drive Commands

Description	Value
Index	0xC336 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.145.1 C336:01 DriveCmd 1

Description	Value
Index	0xC336 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.145.2 C336:02 DriveCmd 2

Description	Value
Index	0xC336 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.3 C336:03 DriveCmd 3**

Description	Value
Index	0xC336 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.4 C336:04 DriveCmd 4**

Description	Value
Index	0xC336 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.5 C336:05 DriveCmd 5**

Description	Value
Index	0xC336 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.145.6 C336:06 DriveCmd 6**

Description	Value
Index	0xC336 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.7 C336:07 DriveCmd 7**

Description	Value
Index	0xC336 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.8 C336:08 DriveCmd 8**

Description	Value
Index	0xC336 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.9 C336:09 DriveCmd 9**

Description	Value
Index	0xC336 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.10 C336:0A DriveCmd 10**

Description	Value
Index	0xC336 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.11 C336:0B DriveCmd 11**

Description	Value
Index	0xC336 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.12 C336:0C DriveCmd 12**

Description	Value
Index	0xC336 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.13 C336:0D DriveCmd 13**

Description	Value
Index	0xC336 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.14 C336:0E DriveCmd 14**

Description	Value
Index	0xC336 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.15 C336:0F DriveCmd 15**

Description	Value
Index	0xC336 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.145.16 C336:10 DriveCmd 16**

Description	Value
Index	0xC336 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.146 C337:x Ch B FSDRIVE Trigger Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.146.1 C337:01 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.146.2 C337:02 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.146.3 C337:03 Diag Message**

Description	Value
Index	0xC337 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.146.4 C337:04 Diag Message**

Description	Value
Index	0xC337 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.146.5 C337:05 Diag Message**

Description	Value
Index	0xC337 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.146.6 C337:06 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.146.7 C337:07 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.146.8 C337:08 Diag Message

Description	Value
Index	0xC337 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.146.9 C337:09 Diag Message**

Description	Value
Index	0xC337 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.146.10 C337:0A Diag Message**

Description	Value
Index	0xC337 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.146.11 C337:0B Diag Message**

Description	Value
Index	0xC337 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.146.12 C337:0C Diag Message**

Description	Value
Index	0xC337 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.146.13 C337:0D Diag Message**

Description	Value
Index	0xC337 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.146.14 C337:0E Diag Message**

Description	Value
Index	0xC337 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.146.15 C337:0F Diag Message**

Description	Value
Index	0xC337 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.146.16 C337:10 Diag Message**

Description	Value
Index	0xC337 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.147 C340:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Outputs

Description	Value
Index	0xC340 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.147.1 C340:01 Enable

Description	Value
Index	0xC340 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.147.2 C340:02 ErrAck

Description	Value
Index	0xC340 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.147.3 C340:03 SetReference**

Description	Value
Index	0xC340 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.148 C342:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Outputs

Description	Value
Index	0xC342 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.148.1 C342:01 Enable

Description	Value
Index	0xC342 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.148.2 C342:02 ErrAck

Description	Value
Index	0xC342 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.148.3 C342:03 SetReference**

Description	Value
Index	0xC342 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.149 C380:x Ch B FSOUT STO Settings Common

Description	Value
Index	0xC380 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.149.1 C380:01 ModuloDiagTestPulse

Description	Value
Index	0xC380 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

#### 3.149.2 C380:02 MultiplierDiagTestPulse

Description	Value
Index	0xC380 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	1 (0x01)
Default	1 (0x01)
Max. Value	255 (0xFF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.149.3 C380:03 Standard Outputs active**

Description	Value
Index	0xC380 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.149.4 C380:04 Diag TestPulse active**

Description	Value
Index	0xC380 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	TRUE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



### 3.150 C390:x Ch B FSOUT BRAKE Settings Common

Description	Value
Index	0xC390 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.150.1 C390:01 ModuloDiagTestPulse

Description	Value
Index	0xC390 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	100 (0x64)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

#### 3.150.2 C390:02 MultiplierDiagTestPulse

Description	Value
Index	0xC390 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	1 (0x01)
Default	1 (0x01)
Max. Value	255 (0xFF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.150.3 C390:03 Standard Outputs active**

Description	Value
Index	0xC390 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	TRUE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.150.4 C390:04 Diag TestPulse active**

Description	Value
Index	0xC390 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	TRUE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.151 C3A0:x Ch B FSIN Settings Common

Description	Value
Index	0xC3A0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.151.1 C3A0:01 ModuloDiagTestPulse

Description	Value
Index	0xC3A0 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

#### 3.151.2 C3A0:02 MultiplierDiagTestPulse

Description	Value
Index	0xC3A0 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	1 (0x01)
Default	1 (0x01)
Max. Value	255 (0xFF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.151.3 C3A0:04 Diag TestPulse active**

Description	Value
Index	0xC3A0 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	TRUE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.152 C3A1:x Ch B FSIN Settings Channel

Description	Value
Index	0xC3A1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.152.1 C3A1:01 Channel 1.InputFilterTime (in 125 us)

Description	Value
Index	0xC3A1 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	1 (0x0001)
Default	28 (0x001C)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

#### 3.152.2 C3A1:02 Channel 1.DiagTestPulseFilterTime

Description	Value
Index	0xC3A1 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	1 (0x0001)
Default	2 (0x0002)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.152.3 C3A1:04 Channel 2.InputFilterTime (in 125 us)**

Description	Value
Index	0xC3A1 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	1 (0x0001)
Default	28 (0x001C)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.152.4 C3A1:05 Channel 2.DiagTestPulseFilterTime**

Description	Value
Index	0xC3A1 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	1 (0x0001)
Default	2 (0x0002)
Max. Value	500 (0x01F4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.153 C3B0:x Ch B FSDRIVE Settings

Description	Value
Index	0xC3B0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.153.1 C3B0:01 Brake Control Enabled

Description	Value
Index	0xC3B0 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

#### 3.153.2 C3B0:02 Primary Feedback Enabled

Description	Value
Index	0xC3B0 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.153.3 C3B0:03 Secondary Feedback Enabled

Description	Value
Index	0xC3B0 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



### 3.154 C3C0:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Settings

Description	Value
Index	0xC3C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.154.1 C3C0:01 Average Calculation Acceleration

Description	Value
Index	0xC3C0 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

### 3.154.2 C3C0:05 Average Calculation Velocity

Description	Value
Index	0xC3C0 (Device)
Subindex	0x05
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

### 3.154.3 C3C0:0D Maximum Safe Position Deviation

Description	Value
Index	0xC3C0 (Device)
Subindex	0x0D
Datatype	ENUM (UINT4)
Min. Value	
Default	Default Value (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
15 (0x0F)	16 Safe Position Increments
14 (0x0E)	15 Safe Position Increments
13 (0x0D)	14 Safe Position Increments
12 (0x0C)	13 Safe Position Increments
11 (0x0B)	12 Safe Position Increments
10 (0x0A)	11 Safe Position Increments
9 (0x09)	10 Safe Position Increments
8 (0x08)	9 Safe Position Increments
7 (0x07)	8 Safe Position Increments
6 (0x06)	7 Safe Position Increments
5 (0x05)	6 Safe Position Increments
4 (0x04)	5 Safe Position Increments
3 (0x03)	4 Safe Position Increments
2 (0x02)	3 Safe Position Increments
1 (0x01)	2 Safe Position Increments
0 (0x00)	Default Value

### 3.154.4 C3C0:11 Encoder Direction Shift

Description	Value
Index	0xC3C0 (Device)
Subindex	0x11
Datatype	BIT5
Min. Value	0x00
Default	0x00
Max. Value	0x0F
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.154.5 C3C0:19 Encoder Position Shift

Description	Value
Index	0xC3C0 (Device)
Subindex	0x19
Datatype	BIT6
Min. Value	0x00
Default	0x00
Max. Value	0x3D
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.154.6 C3C0:17 Enable 64 Bit Division

Description	Value
Index	0xC3C0 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.155 C3C1:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Settings

Description	Value
Index	0xC3C1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.155.1 C3C1:01 Average Calculation Acceleration

Description	Value
Index	0xC3C1 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

### 3.155.2 C3C1:05 Average Calculation Velocity

Description	Value
Index	0xC3C1 (Device)
Subindex	0x05
Datatype	ENUM (UINT4)
Min. Value	no average calculation (0)
Default	no average calculation (0)
Max. Value	no average calculation (0)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
7 (0x07)	128 samples
6 (0x06)	64 samples
5 (0x05)	32 samples
4 (0x04)	16 samples
3 (0x03)	8 samples
2 (0x02)	4 samples
1 (0x01)	2 samples
0 (0x00)	no average calculation

### 3.155.3 C3C1:0D Maximum Safe Position Deviation

Description	Value
Index	0xC3C1 (Device)
Subindex	0x0D
Datatype	ENUM (UINT4)
Min. Value	
Default	Default Value (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
15 (0x0F)	16 Safe Position Increments
14 (0x0E)	15 Safe Position Increments
13 (0x0D)	14 Safe Position Increments
12 (0x0C)	13 Safe Position Increments
11 (0x0B)	12 Safe Position Increments
10 (0x0A)	11 Safe Position Increments
9 (0x09)	10 Safe Position Increments
8 (0x08)	9 Safe Position Increments
7 (0x07)	8 Safe Position Increments
6 (0x06)	7 Safe Position Increments
5 (0x05)	6 Safe Position Increments
4 (0x04)	5 Safe Position Increments
3 (0x03)	4 Safe Position Increments
2 (0x02)	3 Safe Position Increments
1 (0x01)	2 Safe Position Increments
0 (0x00)	Default Value

### 3.155.4 C3C1:11 Encoder Direction Shift

Description	Value
Index	0xC3C1 (Device)
Subindex	0x11
Datatype	BIT5
Min. Value	0x00
Default	0x00
Max. Value	0x0F
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.155.5 C3C1:19 Encoder Position Shift

Description	Value
Index	0xC3C1 (Device)
Subindex	0x19
Datatype	BIT6
Min. Value	0x00
Default	0x00
Max. Value	0x3D
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.155.6 C3C1:17 Enable 64 Bit Division

Description	Value
Index	0xC3C1 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.156 C3C2:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Referencing Settings

Description	Value
Index	0xC3C2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.156.1 C3C2:01 Operation Mode

Description	Value
Index	0xC3C2 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	
Default	Referencing disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Manual Referencing
2 (0x02)	Automatic Referencing, Set Reference Position enabled
1 (0x01)	Automatic Referencing, Set Reference Position disabled
0 (0x00)	Referencing disabled

**3.156.2 C3C2:11 Reference SafePosition Singleturn**

Description	Value
Index	0xC3C2 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.156.3 C3C2:12 Reference SafePosition Multiturn**

Description	Value
Index	0xC3C2 (Device)
Subindex	0x12
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.156.4 C3C2:13 Speed at Reference Position**

Description	Value
Index	0xC3C2 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



**3.156.5 C3C2:14 Maximum Singleturn Referenced SafePosition**

Description	Value
Index	0xC3C2 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.156.6 C3C2:15 Maximum Multiturn Referenced SafePosition**

Description	Value
Index	0xC3C2 (Device)
Subindex	0x15
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.156.7 C3C2:16 Minimum Singleturn Referenced SafePosition**

Description	Value
Index	0xC3C2 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.156.8 C3C2:17 Minimum Multiturn Referenced SafePosition**

Description	Value
Index	0xC3C2 (Device)
Subindex	0x17
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.156.9 C3C2:18 Deviation Startup Position**

Description	Value
Index	0xC3C2 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.157 C3C3:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Referencing Settings

Description	Value
Index	0xC3C3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.157.1 C3C3:01 Operation Mode

Description	Value
Index	0xC3C3 (Device)
Subindex	0x01
Datatype	ENUM (UINT4)
Min. Value	
Default	Referencing disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Manual Referencing
2 (0x02)	Automatic Referencing, Set Reference Position enabled
1 (0x01)	Automatic Referencing, Set Reference Position disabled
0 (0x00)	Referencing disabled

#### 3.157.2 C3C3:11 Reference SafePostion Singleturn

Description	Value
Index	0xC3C3 (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.157.3 C3C3:12 Reference SafePosition Multiturn**

Description	Value
Index	0xC3C3 (Device)
Subindex	0x12
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.157.4 C3C3:13 Speed at Reference Position**

Description	Value
Index	0xC3C3 (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.157.5 C3C3:14 Maximum Singleturn Referenced SafePosition**

Description	Value
Index	0xC3C3 (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.157.6 C3C3:15 Maximum Multiturn Referenced SafePosition

Description	Value
Index	0xC3C3 (Device)
Subindex	0x15
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.157.7 C3C3:16 Minimum Singleturn Referenced SafePosition

Description	Value
Index	0xC3C3 (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.157.8 C3C3:17 Minimum Multiturn Referenced SafePosition

Description	Value
Index	0xC3C3 (Device)
Subindex	0x17
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.157.9 C3C3:18 Deviation Startup Position

Description	Value
Index	0xC3C3 (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 3.158 C430:x Ch B FSDRIVE SoC Info Data

Description	Value
Index	0xC430 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.158.1 C430:01 Current Phase U

Description	Value
Index	0xC430 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.158.2 C430:02 Current Phase V

Description	Value
Index	0xC430 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.158.3 C430:03 Current Phase W**

Description	Value
Index	0xC430 (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.159 C4B0:x Ch B FSDRIVE Encoder Diag Data

Description	Value
Index	0xC4B0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.159.1 C4B0:01 State

Description	Value
Index	0xC4B0 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.159.2 C4B0:02 Error Code

Description	Value
Index	0xC4B0 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.160 C4C0:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Parameter

Description	Value
Index	0xC4C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	37 (0x25)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.160.1 C4C0:01 Encoder Identification

Description	Value
Index	0xC4C0 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.160.2 C4C0:02 ID

Description	Value
Index	0xC4C0 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.160.3 C4C0:03 SN

Description	Value
Index	0xC4C0 (Device)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.160.4 C4C0:04 Protocol

Safety OCT, EnDat 2.2 or EnDat 3

Description	Value
Index	0xC4C0 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.160.5 C4C0:05 Encoder Type

rotary or linear encoder type

Description	Value
Index	0xC4C0 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.6 C4C0:06 Reserved\_0**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.7 C4C0:07 Motor Serial Number**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x07
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.8 C4C0:08 EnDat Multiturn Bits**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.160.9 C4C0:09 EnDat Singleturn Bits

Description	Value
Index	0xC4C0 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.160.10 C4C0:0A EnDat Short Recovery Time

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.160.11 C4C0:0B EnDat NonSafetyRelevantSubdivisionOfTheRelativePosition

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.160.12 C4C0:0C EnDat NonSafetyRelevantSubdivisionOfTheAbsolutePosition

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.160.13 C4C0:0D EnDat NumberOfClocksForPosValue

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.160.14 C4C0:0E EnDat Forced Sampling Status

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.15 C4C0:0F EnDat OffsetBetweenPosValueAndPosValue2**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.16 C4C0:10 EnDat SafetyRelevantMeasuringSteps**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.17 C4C0:11 EnDat Datum Shift**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.18 C4C0:12 SafetyOCT SafetyRelatedEncResolutionCh1**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.19 C4C0:13 SafetyOCT SafetyRelatedEncResolutionCh2**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.20 C4C0:14 SafetyOCT Encoder Range**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.160.21 C4C0:15 SafetyOCT Reserved\_1**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.22 C4C0:16 SafetyOCT Firmware**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x16
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.23 C4C0:17 SafetyOCT Firmware Date**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x17
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.24 C4C0:18 SafetyOCT Encoder Index**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.25 C4C0:19 SafetyOCT Encoder Index Status**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.26 C4C0:1A SafetyOCT Position Offset**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x1A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.160.27 C4C0:1B Primary Feedback Parameter CRC

Description	Value
Index	0xC4C0 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.160.28 C4C0:08 EnDat 2.2 Multiturn Bits**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.29 C4C0:09 EnDat 2.2 Singleturn Bits**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.30 C4C0:0A EnDat 2.2 Short Recovery Time**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.31 C4C0:0B EnDat 2.2  
NonSafetyRelevantSubdivisionOfTheRelativePosition**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.32 C4C0:0C EnDat 2.2  
NonSafetyRelevantSubdivisionOfTheAbsolutePosition**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.33 C4C0:0D EnDat 2.2 NumberOfClocksForPosValue**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.34 C4C0:0E EnDat 2.2 Forced Sampling Status**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.35 C4C0:0F EnDat 2.2 OffsetBetweenPosValueAndPosValue2**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.36 C4C0:10 EnDat 2.2 SafetyRelevantMeasuringSteps**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.37 C4C0:11 EnDat 2.2 Datum Shift**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.38 C4C0:1C EnDat 3 DataTestLowerLimitPos**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x1C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.39 C4C0:1D EnDat 3 DataTestUpperLimitPos**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x1D
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.40 C4C0:1E EnDat 3 DataTestOffsetPosFS**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x1E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.41 C4C0:1F EnDat 3 DataTestOffsetPos**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x1F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.42 C4C0:20 EnDat 3 DataTestNumSafePosBits**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.160.43 C4C0:21 EnDat 3 SafetyBits**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.44 C4C0:22 EnDat 3 AxisAddress**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.45 C4C0:23 EnDat 3 Multiturn Bits**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.46 C4C0:24 EnDat 3 Singleturn Bits**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.160.47 C4C0:25 Primary Feedback EnDat3 Parameter CRC**

Description	Value
Index	0xC4C0 (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.161 C4C1:x Ch B SAFEDRIVEFEEDBACK Primary Feedback State**

Description	Value
Index	0xC4C1 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.161.1 C4C1:01 Feedback Drive Application State

Description	Value
Index	0xC4C1 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162 C4C2:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Parameter

Description	Value
Index	0xC4C2 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	37 (0x25)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.162.1 C4C2:01 Encoder Identification

Description	Value
Index	0xC4C2 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.162.2 C4C2:02 ID

Description	Value
Index	0xC4C2 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.3 C4C2:03 SN

Description	Value
Index	0xC4C2 (Device)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.4 C4C2:04 Protocol

Safety OCT, EnDat 2.2 or EnDat 3

Description	Value
Index	0xC4C2 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.5 C4C2:05 Encoder Type

rotary or linear encoder type

Description	Value
Index	0xC4C2 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.6 C4C2:06 Reserved\_0**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.7 C4C2:07 Motor Serial Number**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x07
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.8 C4C2:08 EnDat Multiturn Bits**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.9 C4C2:09 EnDat Singleturn Bits

Description	Value
Index	0xC4C2 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.10 C4C2:0A EnDat Short Recovery Time

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.11 C4C2:0B EnDat NonSafetyRelevantSubdivisionOfTheRelativePosition

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.12 C4C2:0C EnDat NonSafetyRelevantSubdivisionOfTheAbsolutePosition

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.13 C4C2:0D EnDat NumberOfClocksForPosValue

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.14 C4C2:0E EnDat Forced Sampling Status

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.162.15 C4C2:0F EnDat OffsetBetweenPosValueAndPosValue2**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.16 C4C2:10 EnDat SafetyRelevantMeasuringSteps**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.17 C4C2:11 EnDat Datum Shift**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.18 C4C2:12 SafetyOCT SafetyRelatedEncResolutionCh1**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.19 C4C2:13 SafetyOCT SafetyRelatedEncResolutionCh2**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.20 C4C2:14 SafetyOCT Encoder Range**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.21 C4C2:15 SafetyOCT Reserved\_1

Description	Value
Index	0xC4C2 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.22 C4C2:16 SafetyOCT Firmware

Description	Value
Index	0xC4C2 (Device)
Subindex	0x16
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.23 C4C2:17 SafetyOCT Firmware Date

Description	Value
Index	0xC4C2 (Device)
Subindex	0x17
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.24 C4C2:18 SafetyOCT Encoder Index**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.25 C4C2:19 SafetyOCT Encoder Index Status**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.26 C4C2:1A SafetyOCT Position Offset**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x1A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.27 C4C2:1B Secondary Feedback Parameter CRC

Description	Value
Index	0xC4C2 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.162.28 C4C2:08 EnDat 2.2 Multiturn Bits**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.29 C4C2:09 EnDat 2.2 Singleturn Bits**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.30 C4C2:0A EnDat 2.2 Short Recovery Time**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.31 C4C2:0B EnDat 2.2  
NonSafetyRelevantSubdivisionOfTheRelativePosition**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.32 C4C2:0C EnDat 2.2  
NonSafetyRelevantSubdivisionOfTheAbsolutePosition**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.33 C4C2:0D EnDat 2.2 NumberOfClocksForPosValue**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.34 C4C2:0E EnDat 2.2 Forced Sampling Status**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.35 C4C2:0F EnDat 2.2 OffsetBetweenPosValueAndPosValue2**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.36 C4C2:10 EnDat 2.2 SafetyRelevantMeasuringSteps**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x10
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.162.37 C4C2:11 EnDat 2.2 Datum Shift

Description	Value
Index	0xC4C2 (Device)
Subindex	0x11
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.38 C4C2:1C EnDat 3 DataTestLowerLimitPos

Description	Value
Index	0xC4C2 (Device)
Subindex	0x1C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.162.39 C4C2:1D EnDat 3 DataTestUpperLimitPos

Description	Value
Index	0xC4C2 (Device)
Subindex	0x1D
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.40 C4C2:1E EnDat 3 DataTestOffsetPosFS**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x1E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.41 C4C2:1F EnDat 3 DataTestOffsetPos**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x1F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.42 C4C2:20 EnDat 3 DataTestNumSafePosBits**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.43 C4C2:21 EnDat 3 SafetyBits**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.44 C4C2:22 EnDat 3 AxisAddress**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.45 C4C2:23 EnDat 3 Multiturn Bits**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.46 C4C2:24 EnDat 3 Singleturn Bits**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.162.47 C4C2:25 Secondary Feedback EnDat3 Parameter CRC**

Description	Value
Index	0xC4C2 (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**3.163 C4C3:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback State**

Description	Value
Index	0xC4C3 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.163.1 C4C3:01 Feedback Drive Application State

Description	Value
Index	0xC4C3 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.164 C4CC:x Ch B SAFEDRIVEFEEDBACK Primary Feedback Diag Data

Description	Value
Index	0xC4CC (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.164.1 C4CC:01 State

Description	Value
Index	0xC4CC (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.164.2 C4CC:02 Error Code

Description	Value
Index	0xC4CC (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.165 C4CD:x Ch B SAFEDRIVEFEEDBACK Secondary Feedback Diag Data

Description	Value
Index	0xC4CD (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.165.1 C4CD:01 State

Description	Value
Index	0xC4CD (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.165.2 C4CD:02 Error Code

Description	Value
Index	0xC4CD (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.166 E600:x FSOE Connection 1 Slave Frame Elements

Description	Value
Index	0xE600 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.166.1 E600:01 FSoE Slave Cmd

Description	Value
Index	0xE600 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.166.2 E600:02 FSoE Slave ConnID

Description	Value
Index	0xE600 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.166.3 E600:03 FSoE Slave CRC\_0**

Description	Value
Index	0xE600 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.4 E600:04 FSoE Slave CRC\_1**

Description	Value
Index	0xE600 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.5 E600:05 FSoE Slave CRC\_2**

Description	Value
Index	0xE600 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.6 E600:06 FSoE Slave CRC\_3**

Description	Value
Index	0xE600 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.7 E600:07 FSoE Slave CRC\_4**

Description	Value
Index	0xE600 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.8 E600:08 FSoE Slave CRC\_5**

Description	Value
Index	0xE600 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.9 E600:09 FSoE Slave CRC\_6**

Description	Value
Index	0xE600 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.10 E600:0A FSoE Slave CRC\_7**

Description	Value
Index	0xE600 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.11 E600:0B FSoE Slave CRC\_8**

Description	Value
Index	0xE600 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.12 E600:0C FSoE Slave CRC\_9**

Description	Value
Index	0xE600 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.13 E600:0D FSoE Slave CRC\_10**

Description	Value
Index	0xE600 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.14 E600:0E FSoE Slave CRC\_11**

Description	Value
Index	0xE600 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.15 E600:0F FSoE Slave CRC\_12**

Description	Value
Index	0xE600 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.166.16 E600:10 FSoE Slave CRC\_13**

Description	Value
Index	0xE600 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.167 E610:x FSOE Connection 2 Slave Frame Elements

Description	Value
Index	0xE610 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.167.1 E610:01 FSoE Slave Cmd

Description	Value
Index	0xE610 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.167.2 E610:02 FSoE Slave ConnID

Description	Value
Index	0xE610 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.3 E610:03 FSoE Slave CRC\_0**

Description	Value
Index	0xE610 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.4 E610:04 FSoE Slave CRC\_1**

Description	Value
Index	0xE610 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.5 E610:05 FSoE Slave CRC\_2**

Description	Value
Index	0xE610 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.6 E610:06 FSoE Slave CRC\_3**

Description	Value
Index	0xE610 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.7 E610:07 FSoE Slave CRC\_4**

Description	Value
Index	0xE610 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.8 E610:08 FSoE Slave CRC\_5**

Description	Value
Index	0xE610 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.167.9 E610:09 FSoE Slave CRC\_6**

Description	Value
Index	0xE610 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.10 E610:0A FSoE Slave CRC\_7**

Description	Value
Index	0xE610 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.11 E610:0B FSoE Slave CRC\_8**

Description	Value
Index	0xE610 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.12 E610:0C FSoE Slave CRC\_9**

Description	Value
Index	0xE610 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.13 E610:0D FSoE Slave CRC\_10**

Description	Value
Index	0xE610 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.14 E610:0E FSoE Slave CRC\_11**

Description	Value
Index	0xE610 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.15 E610:0F FSoE Slave CRC\_12**

Description	Value
Index	0xE610 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.167.16 E610:10 FSoE Slave CRC\_13**

Description	Value
Index	0xE610 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.168 E620:x FSOE Connection 3 Slave Frame Elements

Description	Value
Index	0xE620 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.168.1 E620:01 FSoE Slave Cmd

Description	Value
Index	0xE620 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.168.2 E620:02 FSoE Slave ConnID

Description	Value
Index	0xE620 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.3 E620:03 FSoE Slave CRC\_0**

Description	Value
Index	0xE620 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.4 E620:04 FSoE Slave CRC\_1**

Description	Value
Index	0xE620 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.5 E620:05 FSoE Slave CRC\_2**

Description	Value
Index	0xE620 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.6 E620:06 FSoE Slave CRC\_3**

Description	Value
Index	0xE620 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.7 E620:07 FSoE Slave CRC\_4**

Description	Value
Index	0xE620 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.8 E620:08 FSoE Slave CRC\_5**

Description	Value
Index	0xE620 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.9 E620:09 FSoE Slave CRC\_6**

Description	Value
Index	0xE620 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.10 E620:0A FSoE Slave CRC\_7**

Description	Value
Index	0xE620 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.11 E620:0B FSoE Slave CRC\_8**

Description	Value
Index	0xE620 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.12 E620:0C FSoE Slave CRC\_9**

Description	Value
Index	0xE620 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.13 E620:0D FSoE Slave CRC\_10**

Description	Value
Index	0xE620 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.14 E620:0E FSoE Slave CRC\_11**

Description	Value
Index	0xE620 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.168.15 E620:0F FSoE Slave CRC\_12**

Description	Value
Index	0xE620 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.168.16 E620:10 FSoE Slave CRC\_13**

Description	Value
Index	0xE620 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.169 E630:x FSOE Connection 4 Slave Frame Elements

Description	Value
Index	0xE630 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.169.1 E630:01 FSoE Slave Cmd

Description	Value
Index	0xE630 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.169.2 E630:02 FSoE Slave ConnID

Description	Value
Index	0xE630 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.3 E630:03 FSoE Slave CRC\_0**

Description	Value
Index	0xE630 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.4 E630:04 FSoE Slave CRC\_1**

Description	Value
Index	0xE630 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.5 E630:05 FSoE Slave CRC\_2**

Description	Value
Index	0xE630 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.6 E630:06 FSoE Slave CRC\_3**

Description	Value
Index	0xE630 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.7 E630:07 FSoE Slave CRC\_4**

Description	Value
Index	0xE630 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.8 E630:08 FSoE Slave CRC\_5**

Description	Value
Index	0xE630 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.9 E630:09 FSoE Slave CRC\_6**

Description	Value
Index	0xE630 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.10 E630:0A FSoE Slave CRC\_7**

Description	Value
Index	0xE630 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.11 E630:0B FSoE Slave CRC\_8**

Description	Value
Index	0xE630 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.12 E630:0C FSoE Slave CRC\_9**

Description	Value
Index	0xE630 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.13 E630:0D FSoE Slave CRC\_10**

Description	Value
Index	0xE630 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.14 E630:0E FSoE Slave CRC\_11**

Description	Value
Index	0xE630 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.15 E630:0F FSoE Slave CRC\_12**

Description	Value
Index	0xE630 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.169.16 E630:10 FSoE Slave CRC\_13**

Description	Value
Index	0xE630 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.170 E640:x FSOE Connection 5 Slave Frame Elements

Description	Value
Index	0xE640 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.170.1 E640:01 FSoE Slave Cmd

Description	Value
Index	0xE640 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.170.2 E640:02 FSoE Slave ConnID

Description	Value
Index	0xE640 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.170.3 E640:03 FSoE Slave CRC\_0**

Description	Value
Index	0xE640 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.4 E640:04 FSoE Slave CRC\_1**

Description	Value
Index	0xE640 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.5 E640:05 FSoE Slave CRC\_2**

Description	Value
Index	0xE640 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.6 E640:06 FSoE Slave CRC\_3**

Description	Value
Index	0xE640 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.7 E640:07 FSoE Slave CRC\_4**

Description	Value
Index	0xE640 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.8 E640:08 FSoE Slave CRC\_5**

Description	Value
Index	0xE640 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.9 E640:09 FSoE Slave CRC\_6**

Description	Value
Index	0xE640 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.10 E640:0A FSoE Slave CRC\_7**

Description	Value
Index	0xE640 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.11 E640:0B FSoE Slave CRC\_8**

Description	Value
Index	0xE640 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.12 E640:0C FSoE Slave CRC\_9**

Description	Value
Index	0xE640 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.13 E640:0D FSoE Slave CRC\_10**

Description	Value
Index	0xE640 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.14 E640:0E FSoE Slave CRC\_11**

Description	Value
Index	0xE640 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.15 E640:0F FSoE Slave CRC\_12**

Description	Value
Index	0xE640 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.170.16 E640:10 FSoE Slave CRC\_13**

Description	Value
Index	0xE640 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.171 E650:x FSOE Connection 6 Slave Frame Elements

Description	Value
Index	0xE650 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.171.1 E650:01 FSoE Slave Cmd

Description	Value
Index	0xE650 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.171.2 E650:02 FSoE Slave ConnID

Description	Value
Index	0xE650 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.3 E650:03 FSoE Slave CRC\_0**

Description	Value
Index	0xE650 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.4 E650:04 FSoE Slave CRC\_1**

Description	Value
Index	0xE650 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.5 E650:05 FSoE Slave CRC\_2**

Description	Value
Index	0xE650 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.6 E650:06 FSoE Slave CRC\_3**

Description	Value
Index	0xE650 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.7 E650:07 FSoE Slave CRC\_4**

Description	Value
Index	0xE650 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.8 E650:08 FSoE Slave CRC\_5**

Description	Value
Index	0xE650 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.171.9 E650:09 FSoE Slave CRC\_6**

Description	Value
Index	0xE650 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.10 E650:0A FSoE Slave CRC\_7**

Description	Value
Index	0xE650 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.11 E650:0B FSoE Slave CRC\_8**

Description	Value
Index	0xE650 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.12 E650:0C FSoE Slave CRC\_9**

Description	Value
Index	0xE650 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.13 E650:0D FSoE Slave CRC\_10**

Description	Value
Index	0xE650 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.14 E650:0E FSoE Slave CRC\_11**

Description	Value
Index	0xE650 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.15 E650:0F FSoE Slave CRC\_12**

Description	Value
Index	0xE650 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.171.16 E650:10 FSoE Slave CRC\_13**

Description	Value
Index	0xE650 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.172 E660:x FSOE Connection 7 Slave Frame Elements

Description	Value
Index	0xE660 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.172.1 E660:01 FSoE Slave Cmd

Description	Value
Index	0xE660 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.172.2 E660:02 FSoE Slave ConnID

Description	Value
Index	0xE660 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.3 E660:03 FSoE Slave CRC\_0**

Description	Value
Index	0xE660 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.4 E660:04 FSoE Slave CRC\_1**

Description	Value
Index	0xE660 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.5 E660:05 FSoE Slave CRC\_2**

Description	Value
Index	0xE660 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.6 E660:06 FSoE Slave CRC\_3**

Description	Value
Index	0xE660 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.7 E660:07 FSoE Slave CRC\_4**

Description	Value
Index	0xE660 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.8 E660:08 FSoE Slave CRC\_5**

Description	Value
Index	0xE660 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.9 E660:09 FSoE Slave CRC\_6**

Description	Value
Index	0xE660 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.10 E660:0A FSoE Slave CRC\_7**

Description	Value
Index	0xE660 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.11 E660:0B FSoE Slave CRC\_8**

Description	Value
Index	0xE660 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.12 E660:0C FSoE Slave CRC\_9**

Description	Value
Index	0xE660 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.13 E660:0D FSoE Slave CRC\_10**

Description	Value
Index	0xE660 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.14 E660:0E FSoE Slave CRC\_11**

Description	Value
Index	0xE660 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.172.15 E660:0F FSoE Slave CRC\_12**

Description	Value
Index	0xE660 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.172.16 E660:10 FSoE Slave CRC\_13**

Description	Value
Index	0xE660 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.173 E670:x FSOE Connection 8 Slave Frame Elements

Description	Value
Index	0xE670 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.173.1 E670:01 FSoE Slave Cmd

Description	Value
Index	0xE670 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.173.2 E670:02 FSoE Slave ConnID

Description	Value
Index	0xE670 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.3 E670:03 FSoE Slave CRC\_0**

Description	Value
Index	0xE670 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.4 E670:04 FSoE Slave CRC\_1**

Description	Value
Index	0xE670 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.5 E670:05 FSoE Slave CRC\_2**

Description	Value
Index	0xE670 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.6 E670:06 FSoE Slave CRC\_3**

Description	Value
Index	0xE670 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.7 E670:07 FSoE Slave CRC\_4**

Description	Value
Index	0xE670 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.8 E670:08 FSoE Slave CRC\_5**

Description	Value
Index	0xE670 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.9 E670:09 FSoE Slave CRC\_6**

Description	Value
Index	0xE670 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.10 E670:0A FSoE Slave CRC\_7**

Description	Value
Index	0xE670 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.11 E670:0B FSoE Slave CRC\_8**

Description	Value
Index	0xE670 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.12 E670:0C FSoE Slave CRC\_9**

Description	Value
Index	0xE670 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.13 E670:0D FSoE Slave CRC\_10**

Description	Value
Index	0xE670 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.14 E670:0E FSoE Slave CRC\_11**

Description	Value
Index	0xE670 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.15 E670:0F FSoE Slave CRC\_12**

Description	Value
Index	0xE670 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.173.16 E670:10 FSoE Slave CRC\_13**

Description	Value
Index	0xE670 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.174 E700:x FSOE Connection 1 Master Frame Elements

Description	Value
Index	0xE700 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.174.1 E700:01 FSoE Master Cmd

Description	Value
Index	0xE700 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.174.2 E700:02 FSoE Master ConnID

Description	Value
Index	0xE700 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.174.3 E700:03 FSoE Master CRC\_0**

Description	Value
Index	0xE700 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.4 E700:04 FSoE Master CRC\_1**

Description	Value
Index	0xE700 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.5 E700:05 FSoE Master CRC\_2**

Description	Value
Index	0xE700 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.6 E700:06 FSoE Master CRC\_3**

Description	Value
Index	0xE700 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.7 E700:07 FSoE Master CRC\_4**

Description	Value
Index	0xE700 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.8 E700:08 FSoE Master CRC\_5**

Description	Value
Index	0xE700 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.9 E700:09 FSoE Master CRC\_6**

Description	Value
Index	0xE700 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.10 E700:0A FSoE Master CRC\_7**

Description	Value
Index	0xE700 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.11 E700:0B FSoE Master CRC\_8**

Description	Value
Index	0xE700 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.12 E700:0C FSoE Master CRC\_9**

Description	Value
Index	0xE700 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.13 E700:0D FSoE Master CRC\_10**

Description	Value
Index	0xE700 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.14 E700:0E FSoE Master CRC\_11**

Description	Value
Index	0xE700 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.15 E700:0F FSoE Master CRC\_12**

Description	Value
Index	0xE700 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.174.16 E700:10 FSoE Master CRC\_13**

Description	Value
Index	0xE700 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175 E710:x FSOE Connection 2 Master Frame Elements**

Description	Value
Index	0xE710 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.175.1 E710:01 FSoE Master Cmd**

Description	Value
Index	0xE710 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.2 E710:02 FSoE Master ConnID**

Description	Value
Index	0xE710 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.3 E710:03 FSoE Master CRC\_0**

Description	Value
Index	0xE710 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.4 E710:04 FSoE Master CRC\_1**

Description	Value
Index	0xE710 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.5 E710:05 FSoE Master CRC\_2**

Description	Value
Index	0xE710 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.6 E710:06 FSoE Master CRC\_3**

Description	Value
Index	0xE710 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.7 E710:07 FSoE Master CRC\_4**

Description	Value
Index	0xE710 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.8 E710:08 FSoE Master CRC\_5**

Description	Value
Index	0xE710 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.175.9 E710:09 FSoE Master CRC\_6**

Description	Value
Index	0xE710 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.10 E710:0A FSoE Master CRC\_7**

Description	Value
Index	0xE710 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.11 E710:0B FSoE Master CRC\_8**

Description	Value
Index	0xE710 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.12 E710:0C FSoE Master CRC\_9**

Description	Value
Index	0xE710 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.13 E710:0D FSoE Master CRC\_10**

Description	Value
Index	0xE710 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.14 E710:0E FSoE Master CRC\_11**

Description	Value
Index	0xE710 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.15 E710:0F FSoE Master CRC\_12**

Description	Value
Index	0xE710 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.175.16 E710:10 FSoE Master CRC\_13**

Description	Value
Index	0xE710 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.176 E720:x FSOE Connection 3 Master Frame Elements

Description	Value
Index	0xE720 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.176.1 E720:01 FSoE Master Cmd

Description	Value
Index	0xE720 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.176.2 E720:02 FSoE Master ConnID

Description	Value
Index	0xE720 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.3 E720:03 FSoE Master CRC\_0**

Description	Value
Index	0xE720 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.4 E720:04 FSoE Master CRC\_1**

Description	Value
Index	0xE720 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.5 E720:05 FSoE Master CRC\_2**

Description	Value
Index	0xE720 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.6 E720:06 FSoE Master CRC\_3**

Description	Value
Index	0xE720 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.7 E720:07 FSoE Master CRC\_4**

Description	Value
Index	0xE720 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.8 E720:08 FSoE Master CRC\_5**

Description	Value
Index	0xE720 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.9 E720:09 FSoE Master CRC\_6**

Description	Value
Index	0xE720 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.10 E720:0A FSoE Master CRC\_7**

Description	Value
Index	0xE720 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.11 E720:0B FSoE Master CRC\_8**

Description	Value
Index	0xE720 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.12 E720:0C FSoE Master CRC\_9**

Description	Value
Index	0xE720 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.13 E720:0D FSoE Master CRC\_10**

Description	Value
Index	0xE720 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.14 E720:0E FSoE Master CRC\_11**

Description	Value
Index	0xE720 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.176.15 E720:0F FSoE Master CRC\_12**

Description	Value
Index	0xE720 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.176.16 E720:10 FSoE Master CRC\_13**

Description	Value
Index	0xE720 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.177 E730:x FSOE Connection 4 Master Frame Elements

Description	Value
Index	0xE730 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.177.1 E730:01 FSoE Master Cmd

Description	Value
Index	0xE730 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.177.2 E730:02 FSoE Master ConnID

Description	Value
Index	0xE730 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.3 E730:03 FSoE Master CRC\_0**

Description	Value
Index	0xE730 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.4 E730:04 FSoE Master CRC\_1**

Description	Value
Index	0xE730 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.5 E730:05 FSoE Master CRC\_2**

Description	Value
Index	0xE730 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.6 E730:06 FSoE Master CRC\_3**

Description	Value
Index	0xE730 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.7 E730:07 FSoE Master CRC\_4**

Description	Value
Index	0xE730 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.8 E730:08 FSoE Master CRC\_5**

Description	Value
Index	0xE730 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.9 E730:09 FSoE Master CRC\_6**

Description	Value
Index	0xE730 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.10 E730:0A FSoE Master CRC\_7**

Description	Value
Index	0xE730 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.11 E730:0B FSoE Master CRC\_8**

Description	Value
Index	0xE730 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.12 E730:0C FSoE Master CRC\_9**

Description	Value
Index	0xE730 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.13 E730:0D FSoE Master CRC\_10**

Description	Value
Index	0xE730 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.14 E730:0E FSoE Master CRC\_11**

Description	Value
Index	0xE730 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.15 E730:0F FSoE Master CRC\_12**

Description	Value
Index	0xE730 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.177.16 E730:10 FSoE Master CRC\_13**

Description	Value
Index	0xE730 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.178 E740:x FSOE Connection 5 Master Frame Elements

Description	Value
Index	0xE740 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.178.1 E740:01 FSoE Master Cmd

Description	Value
Index	0xE740 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.178.2 E740:02 FSoE Master ConnID

Description	Value
Index	0xE740 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.178.3 E740:03 FSoE Master CRC\_0

Description	Value
Index	0xE740 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.178.4 E740:04 FSoE Master CRC\_1

Description	Value
Index	0xE740 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.178.5 E740:05 FSoE Master CRC\_2

Description	Value
Index	0xE740 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.178.6 E740:06 FSoE Master CRC\_3**

Description	Value
Index	0xE740 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.178.7 E740:07 FSoE Master CRC\_4**

Description	Value
Index	0xE740 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.178.8 E740:08 FSoE Master CRC\_5**

Description	Value
Index	0xE740 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.178.9 E740:09 FSoE Master CRC\_6**

Description	Value
Index	0xE740 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.178.10 E740:0A FSoE Master CRC\_7**

Description	Value
Index	0xE740 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.178.11 E740:0B FSoE Master CRC\_8**

Description	Value
Index	0xE740 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.178.12 E740:0C FSoE Master CRC\_9**

Description	Value
Index	0xE740 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.178.13 E740:0D FSoE Master CRC\_10**

Description	Value
Index	0xE740 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.178.14 E740:0E FSoE Master CRC\_11**

Description	Value
Index	0xE740 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.178.15 E740:0F FSoE Master CRC\_12**

Description	Value
Index	0xE740 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.178.16 E740:10 FSoE Master CRC\_13**

Description	Value
Index	0xE740 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.179 E750:x FSOE Connection 6 Master Frame Elements

Description	Value
Index	0xE750 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.179.1 E750:01 FSoE Master Cmd

Description	Value
Index	0xE750 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.179.2 E750:02 FSoE Master ConnID

Description	Value
Index	0xE750 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.3 E750:03 FSoE Master CRC\_0**

Description	Value
Index	0xE750 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.4 E750:04 FSoE Master CRC\_1**

Description	Value
Index	0xE750 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.5 E750:05 FSoE Master CRC\_2**

Description	Value
Index	0xE750 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.6 E750:06 FSoE Master CRC\_3**

Description	Value
Index	0xE750 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.7 E750:07 FSoE Master CRC\_4**

Description	Value
Index	0xE750 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.8 E750:08 FSoE Master CRC\_5**

Description	Value
Index	0xE750 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.179.9 E750:09 FSoE Master CRC\_6**

Description	Value
Index	0xE750 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.10 E750:0A FSoE Master CRC\_7**

Description	Value
Index	0xE750 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.11 E750:0B FSoE Master CRC\_8**

Description	Value
Index	0xE750 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.12 E750:0C FSoE Master CRC\_9**

Description	Value
Index	0xE750 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.13 E750:0D FSoE Master CRC\_10**

Description	Value
Index	0xE750 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.14 E750:0E FSoE Master CRC\_11**

Description	Value
Index	0xE750 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.15 E750:0F FSoE Master CRC\_12**

Description	Value
Index	0xE750 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.179.16 E750:10 FSoE Master CRC\_13**

Description	Value
Index	0xE750 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.180 E760:x FSOE Connection 7 Master Frame Elements

Description	Value
Index	0xE760 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.180.1 E760:01 FSoE Master Cmd

Description	Value
Index	0xE760 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.180.2 E760:02 FSoE Master ConnID

Description	Value
Index	0xE760 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.3 E760:03 FSoE Master CRC\_0**

Description	Value
Index	0xE760 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.4 E760:04 FSoE Master CRC\_1**

Description	Value
Index	0xE760 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.5 E760:05 FSoE Master CRC\_2**

Description	Value
Index	0xE760 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.6 E760:06 FSoE Master CRC\_3**

Description	Value
Index	0xE760 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.7 E760:07 FSoE Master CRC\_4**

Description	Value
Index	0xE760 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.8 E760:08 FSoE Master CRC\_5**

Description	Value
Index	0xE760 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.9 E760:09 FSoE Master CRC\_6**

Description	Value
Index	0xE760 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.10 E760:0A FSoE Master CRC\_7**

Description	Value
Index	0xE760 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.11 E760:0B FSoE Master CRC\_8**

Description	Value
Index	0xE760 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.12 E760:0C FSoE Master CRC\_9**

Description	Value
Index	0xE760 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.13 E760:0D FSoE Master CRC\_10**

Description	Value
Index	0xE760 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.14 E760:0E FSoE Master CRC\_11**

Description	Value
Index	0xE760 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.180.15 E760:0F FSoE Master CRC\_12**

Description	Value
Index	0xE760 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.180.16 E760:10 FSoE Master CRC\_13**

Description	Value
Index	0xE760 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.181 E770:x FSOE Connection 8 Master Frame Elements

Description	Value
Index	0xE770 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.181.1 E770:01 FSoE Master Cmd

Description	Value
Index	0xE770 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.181.2 E770:02 FSoE Master ConnID

Description	Value
Index	0xE770 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.3 E770:03 FSoE Master CRC\_0**

Description	Value
Index	0xE770 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.4 E770:04 FSoE Master CRC\_1**

Description	Value
Index	0xE770 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.5 E770:05 FSoE Master CRC\_2**

Description	Value
Index	0xE770 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.6 E770:06 FSoE Master CRC\_3**

Description	Value
Index	0xE770 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.7 E770:07 FSoE Master CRC\_4**

Description	Value
Index	0xE770 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.8 E770:08 FSoE Master CRC\_5**

Description	Value
Index	0xE770 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.9 E770:09 FSoE Master CRC\_6**

Description	Value
Index	0xE770 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.10 E770:0A FSoE Master CRC\_7**

Description	Value
Index	0xE770 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.11 E770:0B FSoE Master CRC\_8**

Description	Value
Index	0xE770 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.12 E770:0C FSoE Master CRC\_9**

Description	Value
Index	0xE770 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.13 E770:0D FSoE Master CRC\_10**

Description	Value
Index	0xE770 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.14 E770:0E FSoE Master CRC\_11**

Description	Value
Index	0xE770 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.15 E770:0F FSoE Master CRC\_12**

Description	Value
Index	0xE770 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.181.16 E770:10 FSoE Master CRC\_13**

Description	Value
Index	0xE770 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.182 E901:x FSOE Connection 1 Communication Parameter

Description	Value
Index	0xE901 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.182.1 E901:01 Version

Description	Value
Index	0xE901 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	01
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.182.2 E901:02 Safety Address

Description	Value
Index	0xE901 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	1 (0x0001)
Default	0
Max. Value	1023 (0x03FF)
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.182.3 E901:03 Connection ID

Description	Value
Index	0xE901 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	1 (0x0001)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.182.4 E901:04 Watchdog Time

Description	Value
Index	0xE901 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	2 (0x0002)
Default	100 (0x0064)
Max. Value	60000 (0xEA60)
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.182.5 E901:05 Unique Device ID

Description	Value
Index	0xE901 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	00 00 00 00 00 00
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.182.6 E901:06 Connection Type

Description	Value
Index	0xE901 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	1 (0x0001)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.182.7 E901:07 Communication Parameter Length

Description	Value
Index	0xE901 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.182.8 E901:08 Application Parameter Length

Description	Value
Index	0xE901 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.183 E911:x FSOE Connection 2 Communication Parameter

Description	Value
Index	0xE911 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.183.1 E911:01 Version

Description	Value
Index	0xE911 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.183.2 E911:02 Safety Address

Description	Value
Index	0xE911 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.183.3 E911:03 Connection ID**

Description	Value
Index	0xE911 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.183.4 E911:04 Watchdog Time**

Description	Value
Index	0xE911 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.183.5 E911:05 Unique Device ID**

Description	Value
Index	0xE911 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.183.6 E911:06 Connection Type

Description	Value
Index	0xE911 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.183.7 E911:07 Communication Parameter Length

Description	Value
Index	0xE911 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.183.8 E911:08 Application Parameter Length

Description	Value
Index	0xE911 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.184 E921:x FSOE Connection 3 Communication Parameter

Description	Value
Index	0xE921 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.184.1 E921:01 Version

Description	Value
Index	0xE921 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.184.2 E921:02 Safety Address

Description	Value
Index	0xE921 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.184.3 E921:03 Connection ID

Description	Value
Index	0xE921 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.184.4 E921:04 Watchdog Time

Description	Value
Index	0xE921 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.184.5 E921:05 Unique Device ID

Description	Value
Index	0xE921 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.184.6 E921:06 Connection Type**

Description	Value
Index	0xE921 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.184.7 E921:07 Communication Parameter Length**

Description	Value
Index	0xE921 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.184.8 E921:08 Application Parameter Length**

Description	Value
Index	0xE921 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.185 E931:x FSOE Connection 4 Communication Parameter

Description	Value
Index	0xE931 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.185.1 E931:01 Version

Description	Value
Index	0xE931 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.185.2 E931:02 Safety Address

Description	Value
Index	0xE931 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.185.3 E931:03 Connection ID**

Description	Value
Index	0xE931 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.185.4 E931:04 Watchdog Time**

Description	Value
Index	0xE931 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.185.5 E931:05 Unique Device ID**

Description	Value
Index	0xE931 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.185.6 E931:06 Connection Type

Description	Value
Index	0xE931 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.185.7 E931:07 Communication Parameter Length

Description	Value
Index	0xE931 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.185.8 E931:08 Application Parameter Length

Description	Value
Index	0xE931 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.186 E941:x FSOE Connection 5 Communication Parameter**

Description	Value
Index	0xE941 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.186.1 E941:01 Version**

Description	Value
Index	0xE941 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.186.2 E941:02 Safety Address**

Description	Value
Index	0xE941 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.186.3 E941:03 Connection ID

Description	Value
Index	0xE941 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.186.4 E941:04 Watchdog Time

Description	Value
Index	0xE941 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.186.5 E941:05 Unique Device ID

Description	Value
Index	0xE941 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.186.6 E941:06 Connection Type**

Description	Value
Index	0xE941 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.186.7 E941:07 Communication Parameter Length**

Description	Value
Index	0xE941 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.186.8 E941:08 Application Parameter Length**

Description	Value
Index	0xE941 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.187 E951:x FSOE Connection 6 Communication Parameter

Description	Value
Index	0xE951 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.187.1 E951:01 Version

Description	Value
Index	0xE951 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.187.2 E951:02 Safety Address

Description	Value
Index	0xE951 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.187.3 E951:03 Connection ID**

Description	Value
Index	0xE951 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.187.4 E951:04 Watchdog Time**

Description	Value
Index	0xE951 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.187.5 E951:05 Unique Device ID**

Description	Value
Index	0xE951 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.187.6 E951:06 Connection Type

Description	Value
Index	0xE951 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.187.7 E951:07 Communication Parameter Length

Description	Value
Index	0xE951 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.187.8 E951:08 Application Parameter Length

Description	Value
Index	0xE951 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.188 E961:x FSOE Connection 7 Communication Parameter

Description	Value
Index	0xE961 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.188.1 E961:01 Version

Description	Value
Index	0xE961 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.188.2 E961:02 Safety Address

Description	Value
Index	0xE961 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.188.3 E961:03 Connection ID**

Description	Value
Index	0xE961 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.188.4 E961:04 Watchdog Time**

Description	Value
Index	0xE961 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.188.5 E961:05 Unique Device ID**

Description	Value
Index	0xE961 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.188.6 E961:06 Connection Type**

Description	Value
Index	0xE961 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.188.7 E961:07 Communication Parameter Length**

Description	Value
Index	0xE961 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.188.8 E961:08 Application Parameter Length**

Description	Value
Index	0xE961 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.189 E971:x FSOE Connection 8 Communication Parameter

Description	Value
Index	0xE971 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.189.1 E971:01 Version

Description	Value
Index	0xE971 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.189.2 E971:02 Safety Address

Description	Value
Index	0xE971 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.189.3 E971:03 Connection ID**

Description	Value
Index	0xE971 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.189.4 E971:04 Watchdog Time**

Description	Value
Index	0xE971 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.189.5 E971:05 Unique Device ID**

Description	Value
Index	0xE971 (Device)
Subindex	0x05
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.189.6 E971:06 Connection Type

Description	Value
Index	0xE971 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.189.7 E971:07 Communication Parameter Length

Description	Value
Index	0xE971 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.189.8 E971:08 Application Parameter Length

Description	Value
Index	0xE971 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.190 F100:x FSLOGIC Status

Description	Value
Index	0xF100 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.190.1 F100:01 Safe Logic State

Description	Value
Index	0xF100 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.190.2 F100:02 Cycle Counter

Description	Value
Index	0xF100 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.190.3 F100:03 Number Of Groups In Work

Description	Value
Index	0xF100 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.190.4 F100:04 Number Of Connections In Work

Description	Value
Index	0xF100 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.190.5 F100:05 Cycle Start Difference

Description	Value
Index	0xF100 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.191 F180 Local Safety Inputs

Description	Value
Index	0xF180 (Device)
Subindex	0x00
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 3.192 F181 Local Safety Outputs

Description	Value
Index	0xF181 (Device)
Subindex	0x00
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 3.193 F188:x FB 1-255 State

Description	Value
Index	0xF188 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.193.1 F188:01 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.193.2 F188:02 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.193.3 F188:03 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.193.4 F188:04 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.193.5 F188:05 FB State

Description	Value
Index	0xF188 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.6 F188:06 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.7 F188:07 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.8 F188:08 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.9 F188:09 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.10 F188:0A FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.11 F188:0B FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.12 F188:0C FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.13 F188:0D FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.14 F188:0E FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.193.15 F188:0F FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.16 F188:10 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.17 F188:11 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.18 F188:12 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.19 F188:13 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.20 F188:14 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.21 F188:15 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.22 F188:16 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.23 F188:17 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.24 F188:18 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.25 F188:19 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.26 F188:1A FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.27 F188:1B FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.28 F188:1C FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.29 F188:1D FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.30 F188:1E FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.31 F188:1F FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.32 F188:20 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.33 F188:21 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.34 F188:22 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.35 F188:23 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.36 F188:24 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.37 F188:25 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.38 F188:26 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.193.39 F188:27 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.40 F188:28 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.41 F188:29 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.42 F188:2A FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.43 F188:2B FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.44 F188:2C FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.45 F188:2D FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.46 F188:2E FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.47 F188:2F FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.48 F188:30 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.49 F188:31 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.50 F188:32 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.51 F188:33 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.52 F188:34 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.53 F188:35 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.54 F188:36 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.55 F188:37 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.56 F188:38 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.57 F188:39 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.58 F188:3A FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.59 F188:3B FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.60 F188:3C FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.61 F188:3D FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.62 F188:3E FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.193.63 F188:3F FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.64 F188:40 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.65 F188:41 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.66 F188:42 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.67 F188:43 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.68 F188:44 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.69 F188:45 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.70 F188:46 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.71 F188:47 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.72 F188:48 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.73 F188:49 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.74 F188:4A FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.75 F188:4B FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.76 F188:4C FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.77 F188:4D FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.78 F188:4E FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.79 F188:4F FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.80 F188:50 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.81 F188:51 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.82 F188:52 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.83 F188:53 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.84 F188:54 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.85 F188:55 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.86 F188:56 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.193.87 F188:57 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.88 F188:58 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.89 F188:59 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.90 F188:5A FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.91 F188:5B FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.92 F188:5C FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.93 F188:5D FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.94 F188:5E FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.95 F188:5F FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.96 F188:60 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.97 F188:61 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.98 F188:62 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.99 F188:63 FB State**

Description	Value
Index	0xF188 (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.10 F188:64 FB State**

**0**

Description	Value
Index	0xF188 (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.10 F188:65 FB State**

**1**

Description	Value
Index	0xF188 (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.10 F188:66 FB State****2**

Description	Value
Index	0xF188 (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.10 F188:67 FB State****3**

Description	Value
Index	0xF188 (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.10 F188:68 FB State****4**

Description	Value
Index	0xF188 (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.10 F188:69 FB State**

**5**

Description	Value
Index	0xF188 (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.10 F188:6A FB State**

**6**

Description	Value
Index	0xF188 (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.10 F188:6B FB State**

**7**

Description	Value
Index	0xF188 (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.10 F188:6C FB State****8**

Description	Value
Index	0xF188 (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.10 F188:6D FB State****9**

Description	Value
Index	0xF188 (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.11 F188:6E FB State****0**

Description	Value
Index	0xF188 (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.193.11 F188:6F FB State**

**1**

Description	Value
Index	0xF188 (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.11 F188:70 FB State**

**2**

Description	Value
Index	0xF188 (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.11 F188:71 FB State**

**3**

Description	Value
Index	0xF188 (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.11 F188:72 FB State****4**

Description	Value
Index	0xF188 (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.11 F188:73 FB State****5**

Description	Value
Index	0xF188 (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.11 F188:74 FB State****6**

Description	Value
Index	0xF188 (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.11 F188:75 FB State**

**7**

Description	Value
Index	0xF188 (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.11 F188:76 FB State**

**8**

Description	Value
Index	0xF188 (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.11 F188:77 FB State**

**9**

Description	Value
Index	0xF188 (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.12 F188:78 FB State****0**

Description	Value
Index	0xF188 (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.12 F188:79 FB State****1**

Description	Value
Index	0xF188 (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.12 F188:7A FB State****2**

Description	Value
Index	0xF188 (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.12 F188:7B FB State**

**3**

Description	Value
Index	0xF188 (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.12 F188:7C FB State**

**4**

Description	Value
Index	0xF188 (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.12 F188:7D FB State**

**5**

Description	Value
Index	0xF188 (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.12 F188:7E FB State****6**

Description	Value
Index	0xF188 (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.12 F188:7F FB State****7**

Description	Value
Index	0xF188 (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.12 F188:80 FB State****8**

Description	Value
Index	0xF188 (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.12 F188:81 FB State**

**9**

Description	Value
Index	0xF188 (Device)
Subindex	0x81
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.13 F188:82 FB State**

**0**

Description	Value
Index	0xF188 (Device)
Subindex	0x82
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.13 F188:83 FB State**

**1**

Description	Value
Index	0xF188 (Device)
Subindex	0x83
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.13 F188:84 FB State****2**

Description	Value
Index	0xF188 (Device)
Subindex	0x84
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.13 F188:85 FB State****3**

Description	Value
Index	0xF188 (Device)
Subindex	0x85
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.13 F188:86 FB State****4**

Description	Value
Index	0xF188 (Device)
Subindex	0x86
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.193.13 F188:87 FB State**

**5**

Description	Value
Index	0xF188 (Device)
Subindex	0x87
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.13 F188:88 FB State**

**6**

Description	Value
Index	0xF188 (Device)
Subindex	0x88
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.13 F188:89 FB State**

**7**

Description	Value
Index	0xF188 (Device)
Subindex	0x89
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.13 F188:8A FB State****8**

Description	Value
Index	0xF188 (Device)
Subindex	0x8A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.13 F188:8B FB State****9**

Description	Value
Index	0xF188 (Device)
Subindex	0x8B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.14 F188:8C FB State****0**

Description	Value
Index	0xF188 (Device)
Subindex	0x8C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.14 F188:8D FB State**

**1**

Description	Value
Index	0xF188 (Device)
Subindex	0x8D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.14 F188:8E FB State**

**2**

Description	Value
Index	0xF188 (Device)
Subindex	0x8E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.14 F188:8F FB State**

**3**

Description	Value
Index	0xF188 (Device)
Subindex	0x8F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.14 F188:90 FB State****4**

Description	Value
Index	0xF188 (Device)
Subindex	0x90
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.14 F188:91 FB State****5**

Description	Value
Index	0xF188 (Device)
Subindex	0x91
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.14 F188:92 FB State****6**

Description	Value
Index	0xF188 (Device)
Subindex	0x92
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.14 F188:93 FB State**

**7**

Description	Value
Index	0xF188 (Device)
Subindex	0x93
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.14 F188:94 FB State**

**8**

Description	Value
Index	0xF188 (Device)
Subindex	0x94
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.14 F188:95 FB State**

**9**

Description	Value
Index	0xF188 (Device)
Subindex	0x95
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.15 F188:96 FB State****0**

Description	Value
Index	0xF188 (Device)
Subindex	0x96
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.15 F188:97 FB State****1**

Description	Value
Index	0xF188 (Device)
Subindex	0x97
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.15 F188:98 FB State****2**

Description	Value
Index	0xF188 (Device)
Subindex	0x98
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.15 F188:99 FB State**

**3**

Description	Value
Index	0xF188 (Device)
Subindex	0x99
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.15 F188:9A FB State**

**4**

Description	Value
Index	0xF188 (Device)
Subindex	0x9A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.15 F188:9B FB State**

**5**

Description	Value
Index	0xF188 (Device)
Subindex	0x9B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.15 F188:9C FB State****6**

Description	Value
Index	0xF188 (Device)
Subindex	0x9C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.15 F188:9D FB State****7**

Description	Value
Index	0xF188 (Device)
Subindex	0x9D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.15 F188:9E FB State****8**

Description	Value
Index	0xF188 (Device)
Subindex	0x9E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.193.15 F188:9F FB State**

**9**

Description	Value
Index	0xF188 (Device)
Subindex	0x9F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.16 F188:A0 FB State**

**0**

Description	Value
Index	0xF188 (Device)
Subindex	0xA0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.16 F188:A1 FB State**

**1**

Description	Value
Index	0xF188 (Device)
Subindex	0xA1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.16 F188:A2 FB State****2**

Description	Value
Index	0xF188 (Device)
Subindex	0xA2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.16 F188:A3 FB State****3**

Description	Value
Index	0xF188 (Device)
Subindex	0xA3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.16 F188:A4 FB State****4**

Description	Value
Index	0xF188 (Device)
Subindex	0xA4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.16 F188:A5 FB State**  
**5**

Description	Value
Index	0xF188 (Device)
Subindex	0xA5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.16 F188:A6 FB State**  
**6**

Description	Value
Index	0xF188 (Device)
Subindex	0xA6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.16 F188:A7 FB State**  
**7**

Description	Value
Index	0xF188 (Device)
Subindex	0xA7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.16 F188:A8 FB State****8**

Description	Value
Index	0xF188 (Device)
Subindex	0xA8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.16 F188:A9 FB State****9**

Description	Value
Index	0xF188 (Device)
Subindex	0xA9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.17 F188:AA FB State****0**

Description	Value
Index	0xF188 (Device)
Subindex	0xAA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.17 F188:AB FB State**

**1**

Description	Value
Index	0xF188 (Device)
Subindex	0xAB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.17 F188:AC FB State**

**2**

Description	Value
Index	0xF188 (Device)
Subindex	0xAC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.17 F188:AD FB State**

**3**

Description	Value
Index	0xF188 (Device)
Subindex	0xAD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.17 F188:AE FB State****4**

Description	Value
Index	0xF188 (Device)
Subindex	0xAE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.17 F188:AF FB State****5**

Description	Value
Index	0xF188 (Device)
Subindex	0xAF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.17 F188:B0 FB State****6**

Description	Value
Index	0xF188 (Device)
Subindex	0xB0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.17 F188:B1 FB State**

**7**

Description	Value
Index	0xF188 (Device)
Subindex	0xB1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.17 F188:B2 FB State**

**8**

Description	Value
Index	0xF188 (Device)
Subindex	0xB2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.17 F188:B3 FB State**

**9**

Description	Value
Index	0xF188 (Device)
Subindex	0xB3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.18 F188:B4 FB State****0**

Description	Value
Index	0xF188 (Device)
Subindex	0xB4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.18 F188:B5 FB State****1**

Description	Value
Index	0xF188 (Device)
Subindex	0xB5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.18 F188:B6 FB State****2**

Description	Value
Index	0xF188 (Device)
Subindex	0xB6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.193.18 F188:B7 FB State**

**3**

Description	Value
Index	0xF188 (Device)
Subindex	0xB7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.18 F188:B8 FB State**

**4**

Description	Value
Index	0xF188 (Device)
Subindex	0xB8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.18 F188:B9 FB State**

**5**

Description	Value
Index	0xF188 (Device)
Subindex	0xB9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.18 F188:BA FB State****6**

Description	Value
Index	0xF188 (Device)
Subindex	0xBA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.18 F188:BB FB State****7**

Description	Value
Index	0xF188 (Device)
Subindex	0xBB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.18 F188:BC FB State****8**

Description	Value
Index	0xF188 (Device)
Subindex	0xBC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.18 F188:BD FB State**

**9**

Description	Value
Index	0xF188 (Device)
Subindex	0xBD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.19 F188:BE FB State**

**0**

Description	Value
Index	0xF188 (Device)
Subindex	0xBE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.19 F188:BF FB State**

**1**

Description	Value
Index	0xF188 (Device)
Subindex	0xBF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.19 F188:C0 FB State****2**

Description	Value
Index	0xF188 (Device)
Subindex	0xC0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.19 F188:C1 FB State****3**

Description	Value
Index	0xF188 (Device)
Subindex	0xC1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.19 F188:C2 FB State****4**

Description	Value
Index	0xF188 (Device)
Subindex	0xC2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.19 F188:C3 FB State**

**5**

Description	Value
Index	0xF188 (Device)
Subindex	0xC3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.19 F188:C4 FB State**

**6**

Description	Value
Index	0xF188 (Device)
Subindex	0xC4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.19 F188:C5 FB State**

**7**

Description	Value
Index	0xF188 (Device)
Subindex	0xC5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.19 F188:C6 FB State****8**

Description	Value
Index	0xF188 (Device)
Subindex	0xC6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.19 F188:C7 FB State****9**

Description	Value
Index	0xF188 (Device)
Subindex	0xC7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.20 F188:C8 FB State****0**

Description	Value
Index	0xF188 (Device)
Subindex	0xC8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.20 F188:C9 FB State**

**1**

Description	Value
Index	0xF188 (Device)
Subindex	0xC9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.20 F188:CA FB State**

**2**

Description	Value
Index	0xF188 (Device)
Subindex	0xCA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.20 F188:CB FB State**

**3**

Description	Value
Index	0xF188 (Device)
Subindex	0xCB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.20 F188:CC FB State****4**

Description	Value
Index	0xF188 (Device)
Subindex	0xCC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.20 F188:CD FB State****5**

Description	Value
Index	0xF188 (Device)
Subindex	0xCD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.20 F188:CE FB State****6**

Description	Value
Index	0xF188 (Device)
Subindex	0xCE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.193.20 F188:CF FB State**

**7**

Description	Value
Index	0xF188 (Device)
Subindex	0xCF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.20 F188:D0 FB State**

**8**

Description	Value
Index	0xF188 (Device)
Subindex	0xD0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.20 F188:D1 FB State**

**9**

Description	Value
Index	0xF188 (Device)
Subindex	0xD1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.21 F188:D2 FB State****0**

Description	Value
Index	0xF188 (Device)
Subindex	0xD2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.21 F188:D3 FB State****1**

Description	Value
Index	0xF188 (Device)
Subindex	0xD3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.21 F188:D4 FB State****2**

Description	Value
Index	0xF188 (Device)
Subindex	0xD4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.21 F188:D5 FB State**

**3**

Description	Value
Index	0xF188 (Device)
Subindex	0xD5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.21 F188:D6 FB State**

**4**

Description	Value
Index	0xF188 (Device)
Subindex	0xD6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.21 F188:D7 FB State**

**5**

Description	Value
Index	0xF188 (Device)
Subindex	0xD7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.21 F188:D8 FB State****6**

Description	Value
Index	0xF188 (Device)
Subindex	0xD8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.21 F188:D9 FB State****7**

Description	Value
Index	0xF188 (Device)
Subindex	0xD9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.21 F188:DA FB State****8**

Description	Value
Index	0xF188 (Device)
Subindex	0xDA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.21 F188:DB FB State**

**9**

Description	Value
Index	0xF188 (Device)
Subindex	0xDB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.22 F188:DC FB State**

**0**

Description	Value
Index	0xF188 (Device)
Subindex	0xDC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.22 F188:DD FB State**

**1**

Description	Value
Index	0xF188 (Device)
Subindex	0xDD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.22 F188:DE FB State****2**

Description	Value
Index	0xF188 (Device)
Subindex	0xDE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.22 F188:DF FB State****3**

Description	Value
Index	0xF188 (Device)
Subindex	0xDF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.22 F188:E0 FB State****4**

Description	Value
Index	0xF188 (Device)
Subindex	0xE0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.22 F188:E1 FB State**

**5**

Description	Value
Index	0xF188 (Device)
Subindex	0xE1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.22 F188:E2 FB State**

**6**

Description	Value
Index	0xF188 (Device)
Subindex	0xE2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.22 F188:E3 FB State**

**7**

Description	Value
Index	0xF188 (Device)
Subindex	0xE3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.22 F188:E4 FB State****8**

Description	Value
Index	0xF188 (Device)
Subindex	0xE4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.22 F188:E5 FB State****9**

Description	Value
Index	0xF188 (Device)
Subindex	0xE5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.23 F188:E6 FB State****0**

Description	Value
Index	0xF188 (Device)
Subindex	0xE6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.193.23 F188:E7 FB State**

**1**

Description	Value
Index	0xF188 (Device)
Subindex	0xE7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.23 F188:E8 FB State**

**2**

Description	Value
Index	0xF188 (Device)
Subindex	0xE8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.23 F188:E9 FB State**

**3**

Description	Value
Index	0xF188 (Device)
Subindex	0xE9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.23 F188:EA FB State****4**

Description	Value
Index	0xF188 (Device)
Subindex	0xEA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.23 F188:EB FB State****5**

Description	Value
Index	0xF188 (Device)
Subindex	0xEB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.23 F188:EC FB State****6**

Description	Value
Index	0xF188 (Device)
Subindex	0xEC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.23 F188:ED FB State**

**7**

Description	Value
Index	0xF188 (Device)
Subindex	0xED
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.23 F188:EE FB State**

**8**

Description	Value
Index	0xF188 (Device)
Subindex	0xEE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.23 F188:EF FB State**

**9**

Description	Value
Index	0xF188 (Device)
Subindex	0xEF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.24 F188:F0 FB State****0**

Description	Value
Index	0xF188 (Device)
Subindex	0xF0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.24 F188:F1 FB State****1**

Description	Value
Index	0xF188 (Device)
Subindex	0xF1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.24 F188:F2 FB State****2**

Description	Value
Index	0xF188 (Device)
Subindex	0xF2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.24 F188:F3 FB State**

**3**

Description	Value
Index	0xF188 (Device)
Subindex	0xF3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.24 F188:F4 FB State**

**4**

Description	Value
Index	0xF188 (Device)
Subindex	0xF4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.24 F188:F5 FB State**

**5**

Description	Value
Index	0xF188 (Device)
Subindex	0xF5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.24 F188:F6 FB State****6**

Description	Value
Index	0xF188 (Device)
Subindex	0xF6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.24 F188:F7 FB State****7**

Description	Value
Index	0xF188 (Device)
Subindex	0xF7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.24 F188:F8 FB State****8**

Description	Value
Index	0xF188 (Device)
Subindex	0xF8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.24 F188:F9 FB State**

**9**

Description	Value
Index	0xF188 (Device)
Subindex	0xF9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.25 F188:FA FB State**

**0**

Description	Value
Index	0xF188 (Device)
Subindex	0xFA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.25 F188:FB FB State**

**1**

Description	Value
Index	0xF188 (Device)
Subindex	0xFB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.25 F188:FC FB State****2**

Description	Value
Index	0xF188 (Device)
Subindex	0xFC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.25 F188:FD FB State****3**

Description	Value
Index	0xF188 (Device)
Subindex	0xFD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.193.25 F188:FE FB State****4**

Description	Value
Index	0xF188 (Device)
Subindex	0xFE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.193.25 F188:FF FB State  
5**

Description	Value
Index	0xF188 (Device)
Subindex	0xFF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194 F189:x FB 256-510 State**

Description	Value
Index	0xF189 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.194.1 F189:01 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.2 F189:02 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.3 F189:03 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.4 F189:04 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.5 F189:05 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.6 F189:06 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.7 F189:07 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.8 F189:08 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.9 F189:09 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.10 F189:0A FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.11 F189:0B FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.12 F189:0C FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.13 F189:0D FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.14 F189:0E FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.15 F189:0F FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.16 F189:10 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.17 F189:11 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.18 F189:12 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.19 F189:13 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.20 F189:14 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.194.21 F189:15 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.22 F189:16 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.23 F189:17 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.24 F189:18 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.25 F189:19 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.26 F189:1A FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.27 F189:1B FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.28 F189:1C FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.29 F189:1D FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.30 F189:1E FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.31 F189:1F FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.32 F189:20 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.33 F189:21 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.34 F189:22 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.35 F189:23 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.36 F189:24 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.37 F189:25 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.38 F189:26 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.39 F189:27 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.40 F189:28 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.41 F189:29 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.42 F189:2A FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.43 F189:2B FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.44 F189:2C FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.194.45 F189:2D FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.46 F189:2E FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.47 F189:2F FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.48 F189:30 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.49 F189:31 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.50 F189:32 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.51 F189:33 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.52 F189:34 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.53 F189:35 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.54 F189:36 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.55 F189:37 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.56 F189:38 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.57 F189:39 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.58 F189:3A FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.59 F189:3B FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.60 F189:3C FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.61 F189:3D FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.62 F189:3E FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.63 F189:3F FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.64 F189:40 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.65 F189:41 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.66 F189:42 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.67 F189:43 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.68 F189:44 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.194.69 F189:45 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.70 F189:46 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.71 F189:47 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.72 F189:48 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.73 F189:49 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.74 F189:4A FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.75 F189:4B FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.76 F189:4C FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.77 F189:4D FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.78 F189:4E FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.79 F189:4F FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.80 F189:50 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.81 F189:51 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.82 F189:52 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.83 F189:53 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.84 F189:54 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.85 F189:55 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.86 F189:56 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.87 F189:57 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.88 F189:58 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.89 F189:59 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.90 F189:5A FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.91 F189:5B FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.92 F189:5C FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.194.93 F189:5D FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.94 F189:5E FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.95 F189:5F FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.96 F189:60 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.97 F189:61 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.98 F189:62 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.99 F189:63 FB State**

Description	Value
Index	0xF189 (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.10 F189:64 FB State**

**0**

Description	Value
Index	0xF189 (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.10 F189:65 FB State**

**1**

Description	Value
Index	0xF189 (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.10 F189:66 FB State****2**

Description	Value
Index	0xF189 (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.10 F189:67 FB State****3**

Description	Value
Index	0xF189 (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.10 F189:68 FB State****4**

Description	Value
Index	0xF189 (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.10 F189:69 FB State**

**5**

Description	Value
Index	0xF189 (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.10 F189:6A FB State**

**6**

Description	Value
Index	0xF189 (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.10 F189:6B FB State**

**7**

Description	Value
Index	0xF189 (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.10 F189:6C FB State****8**

Description	Value
Index	0xF189 (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.10 F189:6D FB State****9**

Description	Value
Index	0xF189 (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.11 F189:6E FB State****0**

Description	Value
Index	0xF189 (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.11 F189:6F FB State**

**1**

Description	Value
Index	0xF189 (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.11 F189:70 FB State**

**2**

Description	Value
Index	0xF189 (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.11 F189:71 FB State**

**3**

Description	Value
Index	0xF189 (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.11 F189:72 FB State****4**

Description	Value
Index	0xF189 (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.11 F189:73 FB State****5**

Description	Value
Index	0xF189 (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.11 F189:74 FB State****6**

Description	Value
Index	0xF189 (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.194.11 F189:75 FB State**

**7**

Description	Value
Index	0xF189 (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.11 F189:76 FB State**

**8**

Description	Value
Index	0xF189 (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.11 F189:77 FB State**

**9**

Description	Value
Index	0xF189 (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.12 F189:78 FB State****0**

Description	Value
Index	0xF189 (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.12 F189:79 FB State****1**

Description	Value
Index	0xF189 (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.12 F189:7A FB State****2**

Description	Value
Index	0xF189 (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.12 F189:7B FB State**

**3**

Description	Value
Index	0xF189 (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.12 F189:7C FB State**

**4**

Description	Value
Index	0xF189 (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.12 F189:7D FB State**

**5**

Description	Value
Index	0xF189 (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.12 F189:7E FB State****6**

Description	Value
Index	0xF189 (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.12 F189:7F FB State****7**

Description	Value
Index	0xF189 (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.12 F189:80 FB State****8**

Description	Value
Index	0xF189 (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.12 F189:81 FB State**

**9**

Description	Value
Index	0xF189 (Device)
Subindex	0x81
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.13 F189:82 FB State**

**0**

Description	Value
Index	0xF189 (Device)
Subindex	0x82
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.13 F189:83 FB State**

**1**

Description	Value
Index	0xF189 (Device)
Subindex	0x83
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.13 F189:84 FB State****2**

Description	Value
Index	0xF189 (Device)
Subindex	0x84
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.13 F189:85 FB State****3**

Description	Value
Index	0xF189 (Device)
Subindex	0x85
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.13 F189:86 FB State****4**

Description	Value
Index	0xF189 (Device)
Subindex	0x86
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.13 F189:87 FB State**

**5**

Description	Value
Index	0xF189 (Device)
Subindex	0x87
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.13 F189:88 FB State**

**6**

Description	Value
Index	0xF189 (Device)
Subindex	0x88
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.13 F189:89 FB State**

**7**

Description	Value
Index	0xF189 (Device)
Subindex	0x89
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.13 F189:8A FB State****8**

Description	Value
Index	0xF189 (Device)
Subindex	0x8A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.13 F189:8B FB State****9**

Description	Value
Index	0xF189 (Device)
Subindex	0x8B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.14 F189:8C FB State****0**

Description	Value
Index	0xF189 (Device)
Subindex	0x8C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.194.14 F189:8D FB State**

**1**

Description	Value
Index	0xF189 (Device)
Subindex	0x8D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.14 F189:8E FB State**

**2**

Description	Value
Index	0xF189 (Device)
Subindex	0x8E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.14 F189:8F FB State**

**3**

Description	Value
Index	0xF189 (Device)
Subindex	0x8F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.14 F189:90 FB State****4**

Description	Value
Index	0xF189 (Device)
Subindex	0x90
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.14 F189:91 FB State****5**

Description	Value
Index	0xF189 (Device)
Subindex	0x91
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.14 F189:92 FB State****6**

Description	Value
Index	0xF189 (Device)
Subindex	0x92
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.14 F189:93 FB State**

**7**

Description	Value
Index	0xF189 (Device)
Subindex	0x93
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.14 F189:94 FB State**

**8**

Description	Value
Index	0xF189 (Device)
Subindex	0x94
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.14 F189:95 FB State**

**9**

Description	Value
Index	0xF189 (Device)
Subindex	0x95
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.15 F189:96 FB State****0**

Description	Value
Index	0xF189 (Device)
Subindex	0x96
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.15 F189:97 FB State****1**

Description	Value
Index	0xF189 (Device)
Subindex	0x97
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.15 F189:98 FB State****2**

Description	Value
Index	0xF189 (Device)
Subindex	0x98
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.15 F189:99 FB State**

**3**

Description	Value
Index	0xF189 (Device)
Subindex	0x99
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.15 F189:9A FB State**

**4**

Description	Value
Index	0xF189 (Device)
Subindex	0x9A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.15 F189:9B FB State**

**5**

Description	Value
Index	0xF189 (Device)
Subindex	0x9B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.15 F189:9C FB State****6**

Description	Value
Index	0xF189 (Device)
Subindex	0x9C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.15 F189:9D FB State****7**

Description	Value
Index	0xF189 (Device)
Subindex	0x9D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.15 F189:9E FB State****8**

Description	Value
Index	0xF189 (Device)
Subindex	0x9E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.15 F189:9F FB State**

**9**

Description	Value
Index	0xF189 (Device)
Subindex	0x9F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.16 F189:A0 FB State**

**0**

Description	Value
Index	0xF189 (Device)
Subindex	0xA0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.16 F189:A1 FB State**

**1**

Description	Value
Index	0xF189 (Device)
Subindex	0xA1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.16 F189:A2 FB State****2**

Description	Value
Index	0xF189 (Device)
Subindex	0xA2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.16 F189:A3 FB State****3**

Description	Value
Index	0xF189 (Device)
Subindex	0xA3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.16 F189:A4 FB State****4**

Description	Value
Index	0xF189 (Device)
Subindex	0xA4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.194.16 F189:A5 FB State**  
**5**

Description	Value
Index	0xF189 (Device)
Subindex	0xA5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.16 F189:A6 FB State**  
**6**

Description	Value
Index	0xF189 (Device)
Subindex	0xA6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.16 F189:A7 FB State**  
**7**

Description	Value
Index	0xF189 (Device)
Subindex	0xA7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.16 F189:A8 FB State****8**

Description	Value
Index	0xF189 (Device)
Subindex	0xA8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.16 F189:A9 FB State****9**

Description	Value
Index	0xF189 (Device)
Subindex	0xA9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.17 F189:AA FB State****0**

Description	Value
Index	0xF189 (Device)
Subindex	0xAA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.17 F189:AB FB State**

**1**

Description	Value
Index	0xF189 (Device)
Subindex	0xAB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.17 F189:AC FB State**

**2**

Description	Value
Index	0xF189 (Device)
Subindex	0xAC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.17 F189:AD FB State**

**3**

Description	Value
Index	0xF189 (Device)
Subindex	0xAD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.17 F189:AE FB State****4**

Description	Value
Index	0xF189 (Device)
Subindex	0xAE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.17 F189:AF FB State****5**

Description	Value
Index	0xF189 (Device)
Subindex	0xAF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.17 F189:B0 FB State****6**

Description	Value
Index	0xF189 (Device)
Subindex	0xB0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.17 F189:B1 FB State**

**7**

Description	Value
Index	0xF189 (Device)
Subindex	0xB1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.17 F189:B2 FB State**

**8**

Description	Value
Index	0xF189 (Device)
Subindex	0xB2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.17 F189:B3 FB State**

**9**

Description	Value
Index	0xF189 (Device)
Subindex	0xB3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.18 F189:B4 FB State****0**

Description	Value
Index	0xF189 (Device)
Subindex	0xB4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.18 F189:B5 FB State****1**

Description	Value
Index	0xF189 (Device)
Subindex	0xB5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.18 F189:B6 FB State****2**

Description	Value
Index	0xF189 (Device)
Subindex	0xB6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.18 F189:B7 FB State**

**3**

Description	Value
Index	0xF189 (Device)
Subindex	0xB7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.18 F189:B8 FB State**

**4**

Description	Value
Index	0xF189 (Device)
Subindex	0xB8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.18 F189:B9 FB State**

**5**

Description	Value
Index	0xF189 (Device)
Subindex	0xB9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.18 F189:BA FB State****6**

Description	Value
Index	0xF189 (Device)
Subindex	0xBA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.18 F189:BB FB State****7**

Description	Value
Index	0xF189 (Device)
Subindex	0xBB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.18 F189:BC FB State****8**

Description	Value
Index	0xF189 (Device)
Subindex	0xBC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.194.18 F189:BD FB State**

**9**

Description	Value
Index	0xF189 (Device)
Subindex	0xBD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.19 F189:BE FB State**

**0**

Description	Value
Index	0xF189 (Device)
Subindex	0xBE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.19 F189:BF FB State**

**1**

Description	Value
Index	0xF189 (Device)
Subindex	0xBF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.19 F189:C0 FB State****2**

Description	Value
Index	0xF189 (Device)
Subindex	0xC0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.19 F189:C1 FB State****3**

Description	Value
Index	0xF189 (Device)
Subindex	0xC1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.19 F189:C2 FB State****4**

Description	Value
Index	0xF189 (Device)
Subindex	0xC2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.19 F189:C3 FB State**

**5**

Description	Value
Index	0xF189 (Device)
Subindex	0xC3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.19 F189:C4 FB State**

**6**

Description	Value
Index	0xF189 (Device)
Subindex	0xC4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.19 F189:C5 FB State**

**7**

Description	Value
Index	0xF189 (Device)
Subindex	0xC5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.19 F189:C6 FB State****8**

Description	Value
Index	0xF189 (Device)
Subindex	0xC6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.19 F189:C7 FB State****9**

Description	Value
Index	0xF189 (Device)
Subindex	0xC7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.20 F189:C8 FB State****0**

Description	Value
Index	0xF189 (Device)
Subindex	0xC8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.20 F189:C9 FB State**

**1**

Description	Value
Index	0xF189 (Device)
Subindex	0xC9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.20 F189:CA FB State**

**2**

Description	Value
Index	0xF189 (Device)
Subindex	0xCA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.20 F189:CB FB State**

**3**

Description	Value
Index	0xF189 (Device)
Subindex	0xCB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.20 F189:CC FB State****4**

Description	Value
Index	0xF189 (Device)
Subindex	0xCC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.20 F189:CD FB State****5**

Description	Value
Index	0xF189 (Device)
Subindex	0xCD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.20 F189:CE FB State****6**

Description	Value
Index	0xF189 (Device)
Subindex	0xCE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.20 F189:CF FB State**

**7**

Description	Value
Index	0xF189 (Device)
Subindex	0xCF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.20 F189:D0 FB State**

**8**

Description	Value
Index	0xF189 (Device)
Subindex	0xD0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.20 F189:D1 FB State**

**9**

Description	Value
Index	0xF189 (Device)
Subindex	0xD1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.21 F189:D2 FB State****0**

Description	Value
Index	0xF189 (Device)
Subindex	0xD2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.21 F189:D3 FB State****1**

Description	Value
Index	0xF189 (Device)
Subindex	0xD3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.21 F189:D4 FB State****2**

Description	Value
Index	0xF189 (Device)
Subindex	0xD4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.194.21 F189:D5 FB State**

**3**

Description	Value
Index	0xF189 (Device)
Subindex	0xD5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.21 F189:D6 FB State**

**4**

Description	Value
Index	0xF189 (Device)
Subindex	0xD6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.21 F189:D7 FB State**

**5**

Description	Value
Index	0xF189 (Device)
Subindex	0xD7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.21 F189:D8 FB State****6**

Description	Value
Index	0xF189 (Device)
Subindex	0xD8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.21 F189:D9 FB State****7**

Description	Value
Index	0xF189 (Device)
Subindex	0xD9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.21 F189:DA FB State****8**

Description	Value
Index	0xF189 (Device)
Subindex	0xDA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.21 F189:DB FB State**

**9**

Description	Value
Index	0xF189 (Device)
Subindex	0xDB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.22 F189:DC FB State**

**0**

Description	Value
Index	0xF189 (Device)
Subindex	0xDC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.22 F189:DD FB State**

**1**

Description	Value
Index	0xF189 (Device)
Subindex	0xDD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.22 F189:DE FB State****2**

Description	Value
Index	0xF189 (Device)
Subindex	0xDE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.22 F189:DF FB State****3**

Description	Value
Index	0xF189 (Device)
Subindex	0xDF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.22 F189:E0 FB State****4**

Description	Value
Index	0xF189 (Device)
Subindex	0xE0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.22 F189:E1 FB State**

**5**

Description	Value
Index	0xF189 (Device)
Subindex	0xE1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.22 F189:E2 FB State**

**6**

Description	Value
Index	0xF189 (Device)
Subindex	0xE2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.22 F189:E3 FB State**

**7**

Description	Value
Index	0xF189 (Device)
Subindex	0xE3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.22 F189:E4 FB State****8**

Description	Value
Index	0xF189 (Device)
Subindex	0xE4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.22 F189:E5 FB State****9**

Description	Value
Index	0xF189 (Device)
Subindex	0xE5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.23 F189:E6 FB State****0**

Description	Value
Index	0xF189 (Device)
Subindex	0xE6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.23 F189:E7 FB State**

**1**

Description	Value
Index	0xF189 (Device)
Subindex	0xE7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.23 F189:E8 FB State**

**2**

Description	Value
Index	0xF189 (Device)
Subindex	0xE8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.23 F189:E9 FB State**

**3**

Description	Value
Index	0xF189 (Device)
Subindex	0xE9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.23 F189:EA FB State****4**

Description	Value
Index	0xF189 (Device)
Subindex	0xEA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.23 F189:EB FB State****5**

Description	Value
Index	0xF189 (Device)
Subindex	0xEB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.23 F189:EC FB State****6**

Description	Value
Index	0xF189 (Device)
Subindex	0xEC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.194.23 F189:ED FB State**

**7**

Description	Value
Index	0xF189 (Device)
Subindex	0xED
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.23 F189:EE FB State**

**8**

Description	Value
Index	0xF189 (Device)
Subindex	0xEE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.23 F189:EF FB State**

**9**

Description	Value
Index	0xF189 (Device)
Subindex	0xEF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.24 F189:F0 FB State****0**

Description	Value
Index	0xF189 (Device)
Subindex	0xF0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.24 F189:F1 FB State****1**

Description	Value
Index	0xF189 (Device)
Subindex	0xF1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.24 F189:F2 FB State****2**

Description	Value
Index	0xF189 (Device)
Subindex	0xF2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.24 F189:F3 FB State**

**3**

Description	Value
Index	0xF189 (Device)
Subindex	0xF3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.24 F189:F4 FB State**

**4**

Description	Value
Index	0xF189 (Device)
Subindex	0xF4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.24 F189:F5 FB State**

**5**

Description	Value
Index	0xF189 (Device)
Subindex	0xF5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.24 F189:F6 FB State****6**

Description	Value
Index	0xF189 (Device)
Subindex	0xF6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.24 F189:F7 FB State****7**

Description	Value
Index	0xF189 (Device)
Subindex	0xF7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.24 F189:F8 FB State****8**

Description	Value
Index	0xF189 (Device)
Subindex	0xF8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.24 F189:F9 FB State**

**9**

Description	Value
Index	0xF189 (Device)
Subindex	0xF9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.25 F189:FA FB State**

**0**

Description	Value
Index	0xF189 (Device)
Subindex	0xFA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.25 F189:FB FB State**

**1**

Description	Value
Index	0xF189 (Device)
Subindex	0xFB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.25 F189:FC FB State****2**

Description	Value
Index	0xF189 (Device)
Subindex	0xFC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.25 F189:FD FB State****3**

Description	Value
Index	0xF189 (Device)
Subindex	0xFD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.25 F189:FE FB State****4**

Description	Value
Index	0xF189 (Device)
Subindex	0xFE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.194.25 F189:FF FB State  
5**

Description	Value
Index	0xF189 (Device)
Subindex	0xFF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.195 F18A:x FB 511-512 State

Description	Value
Index	0xF18A (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.195.1 F18A:01 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.195.2 F18A:02 FB State

Description	Value
Index	0xF18A (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.195.3 F18A:03 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.4 F18A:04 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.5 F18A:05 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.6 F18A:06 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.7 F18A:07 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.8 F18A:08 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.9 F18A:09 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.10 F18A:0A FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.11 F18A:0B FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.12 F18A:0C FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.13 F18A:0D FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.14 F18A:0E FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.15 F18A:0F FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.16 F18A:10 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.17 F18A:11 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.18 F18A:12 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.19 F18A:13 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.20 F18A:14 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.21 F18A:15 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.22 F18A:16 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.23 F18A:17 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.24 F18A:18 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.25 F18A:19 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.26 F18A:1A FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.195.27 F18A:1B FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.28 F18A:1C FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.29 F18A:1D FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.30 F18A:1E FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.31 F18A:1F FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.32 F18A:20 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.33 F18A:21 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.34 F18A:22 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.35 F18A:23 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.36 F18A:24 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.37 F18A:25 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.38 F18A:26 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.39 F18A:27 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.40 F18A:28 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.41 F18A:29 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.42 F18A:2A FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.43 F18A:2B FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.44 F18A:2C FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.45 F18A:2D FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.46 F18A:2E FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.47 F18A:2F FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.48 F18A:30 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.49 F18A:31 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.50 F18A:32 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.195.51 F18A:33 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.52 F18A:34 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.53 F18A:35 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.54 F18A:36 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.55 F18A:37 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.56 F18A:38 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.57 F18A:39 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.58 F18A:3A FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.59 F18A:3B FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.60 F18A:3C FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.61 F18A:3D FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.62 F18A:3E FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.63 F18A:3F FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.64 F18A:40 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.65 F18A:41 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.66 F18A:42 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.67 F18A:43 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.68 F18A:44 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.69 F18A:45 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.70 F18A:46 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.71 F18A:47 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.72 F18A:48 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.73 F18A:49 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.74 F18A:4A FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.195.75 F18A:4B FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.76 F18A:4C FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.77 F18A:4D FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.78 F18A:4E FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.79 F18A:4F FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.80 F18A:50 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.81 F18A:51 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.82 F18A:52 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.83 F18A:53 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.84 F18A:54 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.85 F18A:55 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.86 F18A:56 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.87 F18A:57 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.88 F18A:58 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.89 F18A:59 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.90 F18A:5A FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.91 F18A:5B FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.92 F18A:5C FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.93 F18A:5D FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.94 F18A:5E FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.95 F18A:5F FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.96 F18A:60 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.97 F18A:61 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.98 F18A:62 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.195.99 F18A:63 FB State**

Description	Value
Index	0xF18A (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.10 F18A:64 FB State**

**0**

Description	Value
Index	0xF18A (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.10 F18A:65 FB State**

**1**

Description	Value
Index	0xF18A (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.10 F18A:66 FB State****2**

Description	Value
Index	0xF18A (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.10 F18A:67 FB State****3**

Description	Value
Index	0xF18A (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.10 F18A:68 FB State****4**

Description	Value
Index	0xF18A (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.10 F18A:69 FB State**

**5**

Description	Value
Index	0xF18A (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.10 F18A:6A FB State**

**6**

Description	Value
Index	0xF18A (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.10 F18A:6B FB State**

**7**

Description	Value
Index	0xF18A (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.10 F18A:6C FB State****8**

Description	Value
Index	0xF18A (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.10 F18A:6D FB State****9**

Description	Value
Index	0xF18A (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.11 F18A:6E FB State****0**

Description	Value
Index	0xF18A (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.11 F18A:6F FB State**

**1**

Description	Value
Index	0xF18A (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.11 F18A:70 FB State**

**2**

Description	Value
Index	0xF18A (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.11 F18A:71 FB State**

**3**

Description	Value
Index	0xF18A (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.11 F18A:72 FB State****4**

Description	Value
Index	0xF18A (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.11 F18A:73 FB State****5**

Description	Value
Index	0xF18A (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.11 F18A:74 FB State****6**

Description	Value
Index	0xF18A (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.11 F18A:75 FB State**

**7**

Description	Value
Index	0xF18A (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.11 F18A:76 FB State**

**8**

Description	Value
Index	0xF18A (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.11 F18A:77 FB State**

**9**

Description	Value
Index	0xF18A (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.12 F18A:78 FB State****0**

Description	Value
Index	0xF18A (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.12 F18A:79 FB State****1**

Description	Value
Index	0xF18A (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.12 F18A:7A FB State****2**

Description	Value
Index	0xF18A (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.195.12 F18A:7B FB State**

**3**

Description	Value
Index	0xF18A (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.12 F18A:7C FB State**

**4**

Description	Value
Index	0xF18A (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.12 F18A:7D FB State**

**5**

Description	Value
Index	0xF18A (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.12 F18A:7E FB State****6**

Description	Value
Index	0xF18A (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.12 F18A:7F FB State****7**

Description	Value
Index	0xF18A (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.12 F18A:80 FB State****8**

Description	Value
Index	0xF18A (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.12 F18A:81 FB State**

**9**

Description	Value
Index	0xF18A (Device)
Subindex	0x81
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.13 F18A:82 FB State**

**0**

Description	Value
Index	0xF18A (Device)
Subindex	0x82
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.13 F18A:83 FB State**

**1**

Description	Value
Index	0xF18A (Device)
Subindex	0x83
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.13 F18A:84 FB State****2**

Description	Value
Index	0xF18A (Device)
Subindex	0x84
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.13 F18A:85 FB State****3**

Description	Value
Index	0xF18A (Device)
Subindex	0x85
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.13 F18A:86 FB State****4**

Description	Value
Index	0xF18A (Device)
Subindex	0x86
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.13 F18A:87 FB State**

**5**

Description	Value
Index	0xF18A (Device)
Subindex	0x87
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.13 F18A:88 FB State**

**6**

Description	Value
Index	0xF18A (Device)
Subindex	0x88
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.13 F18A:89 FB State**

**7**

Description	Value
Index	0xF18A (Device)
Subindex	0x89
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.13 F18A:8A FB State****8**

Description	Value
Index	0xF18A (Device)
Subindex	0x8A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.13 F18A:8B FB State****9**

Description	Value
Index	0xF18A (Device)
Subindex	0x8B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.14 F18A:8C FB State****0**

Description	Value
Index	0xF18A (Device)
Subindex	0x8C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.14 F18A:8D FB State**

**1**

Description	Value
Index	0xF18A (Device)
Subindex	0x8D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.14 F18A:8E FB State**

**2**

Description	Value
Index	0xF18A (Device)
Subindex	0x8E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.14 F18A:8F FB State**

**3**

Description	Value
Index	0xF18A (Device)
Subindex	0x8F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.14 F18A:90 FB State****4**

Description	Value
Index	0xF18A (Device)
Subindex	0x90
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.14 F18A:91 FB State****5**

Description	Value
Index	0xF18A (Device)
Subindex	0x91
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.14 F18A:92 FB State****6**

Description	Value
Index	0xF18A (Device)
Subindex	0x92
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.195.14 F18A:93 FB State**

**7**

Description	Value
Index	0xF18A (Device)
Subindex	0x93
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.14 F18A:94 FB State**

**8**

Description	Value
Index	0xF18A (Device)
Subindex	0x94
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.14 F18A:95 FB State**

**9**

Description	Value
Index	0xF18A (Device)
Subindex	0x95
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.15 F18A:96 FB State****0**

Description	Value
Index	0xF18A (Device)
Subindex	0x96
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.15 F18A:97 FB State****1**

Description	Value
Index	0xF18A (Device)
Subindex	0x97
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.15 F18A:98 FB State****2**

Description	Value
Index	0xF18A (Device)
Subindex	0x98
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.15 F18A:99 FB State**

**3**

Description	Value
Index	0xF18A (Device)
Subindex	0x99
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.15 F18A:9A FB State**

**4**

Description	Value
Index	0xF18A (Device)
Subindex	0x9A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.15 F18A:9B FB State**

**5**

Description	Value
Index	0xF18A (Device)
Subindex	0x9B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.15 F18A:9C FB State****6**

Description	Value
Index	0xF18A (Device)
Subindex	0x9C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.15 F18A:9D FB State****7**

Description	Value
Index	0xF18A (Device)
Subindex	0x9D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.15 F18A:9E FB State****8**

Description	Value
Index	0xF18A (Device)
Subindex	0x9E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.15 F18A:9F FB State**

**9**

Description	Value
Index	0xF18A (Device)
Subindex	0x9F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.16 F18A:A0 FB State**

**0**

Description	Value
Index	0xF18A (Device)
Subindex	0xA0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.16 F18A:A1 FB State**

**1**

Description	Value
Index	0xF18A (Device)
Subindex	0xA1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.16 F18A:A2 FB State****2**

Description	Value
Index	0xF18A (Device)
Subindex	0xA2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.16 F18A:A3 FB State****3**

Description	Value
Index	0xF18A (Device)
Subindex	0xA3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.16 F18A:A4 FB State****4**

Description	Value
Index	0xF18A (Device)
Subindex	0xA4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.16 F18A:A5 FB State**

**5**

Description	Value
Index	0xF18A (Device)
Subindex	0xA5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.16 F18A:A6 FB State**

**6**

Description	Value
Index	0xF18A (Device)
Subindex	0xA6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.16 F18A:A7 FB State**

**7**

Description	Value
Index	0xF18A (Device)
Subindex	0xA7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.16 F18A:A8 FB State****8**

Description	Value
Index	0xF18A (Device)
Subindex	0xA8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.16 F18A:A9 FB State****9**

Description	Value
Index	0xF18A (Device)
Subindex	0xA9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.17 F18A:AA FB State****0**

Description	Value
Index	0xF18A (Device)
Subindex	0xAA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.195.17 F18A:AB FB State**

**1**

Description	Value
Index	0xF18A (Device)
Subindex	0xAB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.17 F18A:AC FB State**

**2**

Description	Value
Index	0xF18A (Device)
Subindex	0xAC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.17 F18A:AD FB State**

**3**

Description	Value
Index	0xF18A (Device)
Subindex	0xAD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.17 F18A:AE FB State****4**

Description	Value
Index	0xF18A (Device)
Subindex	0xAE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.17 F18A:AF FB State****5**

Description	Value
Index	0xF18A (Device)
Subindex	0xAF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.17 F18A:B0 FB State****6**

Description	Value
Index	0xF18A (Device)
Subindex	0xB0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.17 F18A:B1 FB State**

**7**

Description	Value
Index	0xF18A (Device)
Subindex	0xB1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.17 F18A:B2 FB State**

**8**

Description	Value
Index	0xF18A (Device)
Subindex	0xB2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.17 F18A:B3 FB State**

**9**

Description	Value
Index	0xF18A (Device)
Subindex	0xB3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.18 F18A:B4 FB State****0**

Description	Value
Index	0xF18A (Device)
Subindex	0xB4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.18 F18A:B5 FB State****1**

Description	Value
Index	0xF18A (Device)
Subindex	0xB5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.18 F18A:B6 FB State****2**

Description	Value
Index	0xF18A (Device)
Subindex	0xB6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.18 F18A:B7 FB State**

**3**

Description	Value
Index	0xF18A (Device)
Subindex	0xB7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.18 F18A:B8 FB State**

**4**

Description	Value
Index	0xF18A (Device)
Subindex	0xB8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.18 F18A:B9 FB State**

**5**

Description	Value
Index	0xF18A (Device)
Subindex	0xB9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.18 F18A:BA FB State****6**

Description	Value
Index	0xF18A (Device)
Subindex	0xBA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.18 F18A:BB FB State****7**

Description	Value
Index	0xF18A (Device)
Subindex	0xBB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.18 F18A:BC FB State****8**

Description	Value
Index	0xF18A (Device)
Subindex	0xBC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.18 F18A:BD FB State**

**9**

Description	Value
Index	0xF18A (Device)
Subindex	0xBD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.19 F18A:BE FB State**

**0**

Description	Value
Index	0xF18A (Device)
Subindex	0xBE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.19 F18A:BF FB State**

**1**

Description	Value
Index	0xF18A (Device)
Subindex	0xBF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.19 F18A:C0 FB State****2**

Description	Value
Index	0xF18A (Device)
Subindex	0xC0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.19 F18A:C1 FB State****3**

Description	Value
Index	0xF18A (Device)
Subindex	0xC1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.19 F18A:C2 FB State****4**

Description	Value
Index	0xF18A (Device)
Subindex	0xC2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.195.19 F18A:C3 FB State**

**5**

Description	Value
Index	0xF18A (Device)
Subindex	0xC3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.19 F18A:C4 FB State**

**6**

Description	Value
Index	0xF18A (Device)
Subindex	0xC4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.19 F18A:C5 FB State**

**7**

Description	Value
Index	0xF18A (Device)
Subindex	0xC5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.19 F18A:C6 FB State****8**

Description	Value
Index	0xF18A (Device)
Subindex	0xC6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.19 F18A:C7 FB State****9**

Description	Value
Index	0xF18A (Device)
Subindex	0xC7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.20 F18A:C8 FB State****0**

Description	Value
Index	0xF18A (Device)
Subindex	0xC8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.20 F18A:C9 FB State**

**1**

Description	Value
Index	0xF18A (Device)
Subindex	0xC9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.20 F18A:CA FB State**

**2**

Description	Value
Index	0xF18A (Device)
Subindex	0xCA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.20 F18A:CB FB State**

**3**

Description	Value
Index	0xF18A (Device)
Subindex	0xCB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.20 F18A:CC FB State****4**

Description	Value
Index	0xF18A (Device)
Subindex	0xCC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.20 F18A:CD FB State****5**

Description	Value
Index	0xF18A (Device)
Subindex	0xCD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.20 F18A:CE FB State****6**

Description	Value
Index	0xF18A (Device)
Subindex	0xCE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.20 F18A:CF FB State**

**7**

Description	Value
Index	0xF18A (Device)
Subindex	0xCF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.20 F18A:D0 FB State**

**8**

Description	Value
Index	0xF18A (Device)
Subindex	0xD0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.20 F18A:D1 FB State**

**9**

Description	Value
Index	0xF18A (Device)
Subindex	0xD1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.21 F18A:D2 FB State****0**

Description	Value
Index	0xF18A (Device)
Subindex	0xD2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.21 F18A:D3 FB State****1**

Description	Value
Index	0xF18A (Device)
Subindex	0xD3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.21 F18A:D4 FB State****2**

Description	Value
Index	0xF18A (Device)
Subindex	0xD4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.21 F18A:D5 FB State**

**3**

Description	Value
Index	0xF18A (Device)
Subindex	0xD5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.21 F18A:D6 FB State**

**4**

Description	Value
Index	0xF18A (Device)
Subindex	0xD6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.21 F18A:D7 FB State**

**5**

Description	Value
Index	0xF18A (Device)
Subindex	0xD7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.21 F18A:D8 FB State****6**

Description	Value
Index	0xF18A (Device)
Subindex	0xD8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.21 F18A:D9 FB State****7**

Description	Value
Index	0xF18A (Device)
Subindex	0xD9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.21 F18A:DA FB State****8**

Description	Value
Index	0xF18A (Device)
Subindex	0xDA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.195.21 F18A:DB FB State**

**9**

Description	Value
Index	0xF18A (Device)
Subindex	0xDB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.22 F18A:DC FB State**

**0**

Description	Value
Index	0xF18A (Device)
Subindex	0xDC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.22 F18A:DD FB State**

**1**

Description	Value
Index	0xF18A (Device)
Subindex	0xDD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.22 F18A:DE FB State****2**

Description	Value
Index	0xF18A (Device)
Subindex	0xDE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.22 F18A:DF FB State****3**

Description	Value
Index	0xF18A (Device)
Subindex	0xDF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.22 F18A:E0 FB State****4**

Description	Value
Index	0xF18A (Device)
Subindex	0xE0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.22 F18A:E1 FB State**

**5**

Description	Value
Index	0xF18A (Device)
Subindex	0xE1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.22 F18A:E2 FB State**

**6**

Description	Value
Index	0xF18A (Device)
Subindex	0xE2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.22 F18A:E3 FB State**

**7**

Description	Value
Index	0xF18A (Device)
Subindex	0xE3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.22 F18A:E4 FB State****8**

Description	Value
Index	0xF18A (Device)
Subindex	0xE4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.22 F18A:E5 FB State****9**

Description	Value
Index	0xF18A (Device)
Subindex	0xE5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.23 F18A:E6 FB State****0**

Description	Value
Index	0xF18A (Device)
Subindex	0xE6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.23 F18A:E7 FB State**

**1**

Description	Value
Index	0xF18A (Device)
Subindex	0xE7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.23 F18A:E8 FB State**

**2**

Description	Value
Index	0xF18A (Device)
Subindex	0xE8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.23 F18A:E9 FB State**

**3**

Description	Value
Index	0xF18A (Device)
Subindex	0xE9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.23 F18A:EA FB State****4**

Description	Value
Index	0xF18A (Device)
Subindex	0xEA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.23 F18A:EB FB State****5**

Description	Value
Index	0xF18A (Device)
Subindex	0xEB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.23 F18A:EC FB State****6**

Description	Value
Index	0xF18A (Device)
Subindex	0xEC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.23 F18A:ED FB State**

**7**

Description	Value
Index	0xF18A (Device)
Subindex	0xED
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.23 F18A:EE FB State**

**8**

Description	Value
Index	0xF18A (Device)
Subindex	0xEE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.23 F18A:EF FB State**

**9**

Description	Value
Index	0xF18A (Device)
Subindex	0xEF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.24 F18A:F0 FB State****0**

Description	Value
Index	0xF18A (Device)
Subindex	0xF0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.24 F18A:F1 FB State****1**

Description	Value
Index	0xF18A (Device)
Subindex	0xF1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.24 F18A:F2 FB State****2**

Description	Value
Index	0xF18A (Device)
Subindex	0xF2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.195.24 F18A:F3 FB State**

**3**

Description	Value
Index	0xF18A (Device)
Subindex	0xF3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.24 F18A:F4 FB State**

**4**

Description	Value
Index	0xF18A (Device)
Subindex	0xF4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.24 F18A:F5 FB State**

**5**

Description	Value
Index	0xF18A (Device)
Subindex	0xF5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.24 F18A:F6 FB State****6**

Description	Value
Index	0xF18A (Device)
Subindex	0xF6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.24 F18A:F7 FB State****7**

Description	Value
Index	0xF18A (Device)
Subindex	0xF7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.24 F18A:F8 FB State****8**

Description	Value
Index	0xF18A (Device)
Subindex	0xF8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.24 F18A:F9 FB State**

**9**

Description	Value
Index	0xF18A (Device)
Subindex	0xF9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.25 F18A:FA FB State**

**0**

Description	Value
Index	0xF18A (Device)
Subindex	0xFA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.25 F18A:FB FB State**

**1**

Description	Value
Index	0xF18A (Device)
Subindex	0xFB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.25 F18A:FC FB State****2**

Description	Value
Index	0xF18A (Device)
Subindex	0xFC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.25 F18A:FD FB State****3**

Description	Value
Index	0xF18A (Device)
Subindex	0xFD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.25 F18A:FE FB State****4**

Description	Value
Index	0xF18A (Device)
Subindex	0xFE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.195.25 F18A:FF FB State  
5**

Description	Value
Index	0xF18A (Device)
Subindex	0xFF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196 F18C:x FB 1-255 Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.196.1 F18C:01 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.196.2 F18C:02 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.3 F18C:03 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.4 F18C:04 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.5 F18C:05 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.6 F18C:06 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.7 F18C:07 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.8 F18C:08 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.196.9 F18C:09 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.10 F18C:0A FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.11 F18C:0B FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.12 F18C:0C FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.13 F18C:0D FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.14 F18C:0E FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.15 F18C:0F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.16 F18C:10 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.17 F18C:11 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.18 F18C:12 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.19 F18C:13 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.20 F18C:14 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.21 F18C:15 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.22 F18C:16 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.23 F18C:17 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.24 F18C:18 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.25 F18C:19 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.26 F18C:1A FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.27 F18C:1B FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.28 F18C:1C FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.29 F18C:1D FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.30 F18C:1E FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.31 F18C:1F FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.32 F18C:20 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.196.33 F18C:21 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.34 F18C:22 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.35 F18C:23 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.36 F18C:24 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.37 F18C:25 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.38 F18C:26 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.39 F18C:27 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.40 F18C:28 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.41 F18C:29 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.42 F18C:2A FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.43 F18C:2B FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.44 F18C:2C FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.45 F18C:2D FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.46 F18C:2E FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.47 F18C:2F FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.48 F18C:30 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.49 F18C:31 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.50 F18C:32 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.51 F18C:33 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.52 F18C:34 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.53 F18C:35 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.54 F18C:36 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.55 F18C:37 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.56 F18C:38 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.196.57 F18C:39 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.58 F18C:3A FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.59 F18C:3B FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.60 F18C:3C FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.61 F18C:3D FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.62 F18C:3E FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.63 F18C:3F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.64 F18C:40 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.65 F18C:41 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.66 F18C:42 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.67 F18C:43 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.68 F18C:44 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.69 F18C:45 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.70 F18C:46 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.71 F18C:47 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.72 F18C:48 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.73 F18C:49 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.74 F18C:4A FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.75 F18C:4B FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.76 F18C:4C FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.77 F18C:4D FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.78 F18C:4E FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.79 F18C:4F FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.80 F18C:50 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.196.81 F18C:51 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.82 F18C:52 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.83 F18C:53 FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.84 F18C:54 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.85 F18C:55 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.86 F18C:56 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.87 F18C:57 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.88 F18C:58 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.89 F18C:59 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.90 F18C:5A FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.91 F18C:5B FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.92 F18C:5C FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.93 F18C:5D FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.94 F18C:5E FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.196.95 F18C:5F FB Diag

Description	Value
Index	0xF18C (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.96 F18C:60 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.97 F18C:61 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.98 F18C:62 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.99 F18C:63 FB Diag**

Description	Value
Index	0xF18C (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.10 F18C:64 FB Diag**

**0**

Description	Value
Index	0xF18C (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.10 F18C:65 FB Diag**

**1**

Description	Value
Index	0xF18C (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.10 F18C:66 FB Diag****2**

Description	Value
Index	0xF18C (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.10 F18C:67 FB Diag****3**

Description	Value
Index	0xF18C (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.10 F18C:68 FB Diag****4**

Description	Value
Index	0xF18C (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.196.10 F18C:69 FB Diag**  
**5**

Description	Value
Index	0xF18C (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.10 F18C:6A FB Diag**  
**6**

Description	Value
Index	0xF18C (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.10 F18C:6B FB Diag**  
**7**

Description	Value
Index	0xF18C (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.10 F18C:6C FB Diag****8**

Description	Value
Index	0xF18C (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.10 F18C:6D FB Diag****9**

Description	Value
Index	0xF18C (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.11 F18C:6E FB Diag****0**

Description	Value
Index	0xF18C (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.11 F18C:6F FB Diag**

**1**

Description	Value
Index	0xF18C (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.11 F18C:70 FB Diag**

**2**

Description	Value
Index	0xF18C (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.11 F18C:71 FB Diag**

**3**

Description	Value
Index	0xF18C (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.11 F18C:72 FB Diag****4**

Description	Value
Index	0xF18C (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.11 F18C:73 FB Diag****5**

Description	Value
Index	0xF18C (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.11 F18C:74 FB Diag****6**

Description	Value
Index	0xF18C (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.11 F18C:75 FB Diag**  
**7**

Description	Value
Index	0xF18C (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.11 F18C:76 FB Diag**  
**8**

Description	Value
Index	0xF18C (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.11 F18C:77 FB Diag**  
**9**

Description	Value
Index	0xF18C (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.12 F18C:78 FB Diag****0**

Description	Value
Index	0xF18C (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.12 F18C:79 FB Diag****1**

Description	Value
Index	0xF18C (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.12 F18C:7A FB Diag****2**

Description	Value
Index	0xF18C (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.12 F18C:7B FB Diag**

**3**

Description	Value
Index	0xF18C (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.12 F18C:7C FB Diag**

**4**

Description	Value
Index	0xF18C (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.12 F18C:7D FB Diag**

**5**

Description	Value
Index	0xF18C (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.12 F18C:7E FB Diag****6**

Description	Value
Index	0xF18C (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.12 F18C:7F FB Diag****7**

Description	Value
Index	0xF18C (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.12 F18C:80 FB Diag****8**

Description	Value
Index	0xF18C (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.196.12 F18C:81 FB Diag  
9**

Description	Value
Index	0xF18C (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.13 F18C:82 FB Diag  
0**

Description	Value
Index	0xF18C (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.13 F18C:83 FB Diag  
1**

Description	Value
Index	0xF18C (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.13 F18C:84 FB Diag****2**

Description	Value
Index	0xF18C (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.13 F18C:85 FB Diag****3**

Description	Value
Index	0xF18C (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.13 F18C:86 FB Diag****4**

Description	Value
Index	0xF18C (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.13 F18C:87 FB Diag  
5**

Description	Value
Index	0xF18C (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.13 F18C:88 FB Diag  
6**

Description	Value
Index	0xF18C (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.13 F18C:89 FB Diag  
7**

Description	Value
Index	0xF18C (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.13 F18C:8A FB Diag****8**

Description	Value
Index	0xF18C (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.13 F18C:8B FB Diag****9**

Description	Value
Index	0xF18C (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.14 F18C:8C FB Diag****0**

Description	Value
Index	0xF18C (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.14 F18C:8D FB Diag**

**1**

Description	Value
Index	0xF18C (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.14 F18C:8E FB Diag**

**2**

Description	Value
Index	0xF18C (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.14 F18C:8F FB Diag**

**3**

Description	Value
Index	0xF18C (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.14 F18C:90 FB Diag****4**

Description	Value
Index	0xF18C (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.14 F18C:91 FB Diag****5**

Description	Value
Index	0xF18C (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.14 F18C:92 FB Diag****6**

Description	Value
Index	0xF18C (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.14 F18C:93 FB Diag**  
**7**

Description	Value
Index	0xF18C (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.14 F18C:94 FB Diag**  
**8**

Description	Value
Index	0xF18C (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.14 F18C:95 FB Diag**  
**9**

Description	Value
Index	0xF18C (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.15 F18C:96 FB Diag****0**

Description	Value
Index	0xF18C (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.15 F18C:97 FB Diag****1**

Description	Value
Index	0xF18C (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.15 F18C:98 FB Diag****2**

Description	Value
Index	0xF18C (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.196.15 F18C:99 FB Diag**

**3**

Description	Value
Index	0xF18C (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.15 F18C:9A FB Diag**

**4**

Description	Value
Index	0xF18C (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.15 F18C:9B FB Diag**

**5**

Description	Value
Index	0xF18C (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.15 F18C:9C FB Diag****6**

Description	Value
Index	0xF18C (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.15 F18C:9D FB Diag****7**

Description	Value
Index	0xF18C (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.15 F18C:9E FB Diag****8**

Description	Value
Index	0xF18C (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.15 F18C:9F FB Diag**

**9**

Description	Value
Index	0xF18C (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.16 F18C:A0 FB Diag**

**0**

Description	Value
Index	0xF18C (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.16 F18C:A1 FB Diag**

**1**

Description	Value
Index	0xF18C (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.16 F18C:A2 FB Diag****2**

Description	Value
Index	0xF18C (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.16 F18C:A3 FB Diag****3**

Description	Value
Index	0xF18C (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.16 F18C:A4 FB Diag****4**

Description	Value
Index	0xF18C (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.16 F18C:A5 FB Diag  
5**

Description	Value
Index	0xF18C (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.16 F18C:A6 FB Diag  
6**

Description	Value
Index	0xF18C (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.16 F18C:A7 FB Diag  
7**

Description	Value
Index	0xF18C (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.16 F18C:A8 FB Diag****8**

Description	Value
Index	0xF18C (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.16 F18C:A9 FB Diag****9**

Description	Value
Index	0xF18C (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.17 F18C:AA FB Diag****0**

Description	Value
Index	0xF18C (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.17 F18C:AB FB Diag**

**1**

Description	Value
Index	0xF18C (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.17 F18C:AC FB Diag**

**2**

Description	Value
Index	0xF18C (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.17 F18C:AD FB Diag**

**3**

Description	Value
Index	0xF18C (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.17 F18C:AE FB Diag****4**

Description	Value
Index	0xF18C (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.17 F18C:AF FB Diag****5**

Description	Value
Index	0xF18C (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.17 F18C:B0 FB Diag****6**

Description	Value
Index	0xF18C (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.196.17 F18C:B1 FB Diag**

**7**

Description	Value
Index	0xF18C (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.17 F18C:B2 FB Diag**

**8**

Description	Value
Index	0xF18C (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.17 F18C:B3 FB Diag**

**9**

Description	Value
Index	0xF18C (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.18 F18C:B4 FB Diag****0**

Description	Value
Index	0xF18C (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.18 F18C:B5 FB Diag****1**

Description	Value
Index	0xF18C (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.18 F18C:B6 FB Diag****2**

Description	Value
Index	0xF18C (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.18 F18C:B7 FB Diag**

**3**

Description	Value
Index	0xF18C (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.18 F18C:B8 FB Diag**

**4**

Description	Value
Index	0xF18C (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.18 F18C:B9 FB Diag**

**5**

Description	Value
Index	0xF18C (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.18 F18C:BA FB Diag****6**

Description	Value
Index	0xF18C (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.18 F18C:BB FB Diag****7**

Description	Value
Index	0xF18C (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.18 F18C:BC FB Diag****8**

Description	Value
Index	0xF18C (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.18 F18C:BD FB Diag  
9**

Description	Value
Index	0xF18C (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.19 F18C:BE FB Diag  
0**

Description	Value
Index	0xF18C (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.19 F18C:BF FB Diag  
1**

Description	Value
Index	0xF18C (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.19 F18C:C0 FB Diag****2**

Description	Value
Index	0xF18C (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.19 F18C:C1 FB Diag****3**

Description	Value
Index	0xF18C (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.19 F18C:C2 FB Diag****4**

Description	Value
Index	0xF18C (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.19 F18C:C3 FB Diag**  
**5**

Description	Value
Index	0xF18C (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.19 F18C:C4 FB Diag**  
**6**

Description	Value
Index	0xF18C (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.19 F18C:C5 FB Diag**  
**7**

Description	Value
Index	0xF18C (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.19 F18C:C6 FB Diag****8**

Description	Value
Index	0xF18C (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.19 F18C:C7 FB Diag****9**

Description	Value
Index	0xF18C (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.20 F18C:C8 FB Diag****0**

Description	Value
Index	0xF18C (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.196.20 F18C:C9 FB Diag**

**1**

Description	Value
Index	0xF18C (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.20 F18C:CA FB Diag**

**2**

Description	Value
Index	0xF18C (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.20 F18C:CB FB Diag**

**3**

Description	Value
Index	0xF18C (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.20 F18C:CC FB Diag****4**

Description	Value
Index	0xF18C (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.20 F18C:CD FB Diag****5**

Description	Value
Index	0xF18C (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.20 F18C:CE FB Diag****6**

Description	Value
Index	0xF18C (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.20 F18C:CF FB Diag**

**7**

Description	Value
Index	0xF18C (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.20 F18C:D0 FB Diag**

**8**

Description	Value
Index	0xF18C (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.20 F18C:D1 FB Diag**

**9**

Description	Value
Index	0xF18C (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.21 F18C:D2 FB Diag****0**

Description	Value
Index	0xF18C (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.21 F18C:D3 FB Diag****1**

Description	Value
Index	0xF18C (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.21 F18C:D4 FB Diag****2**

Description	Value
Index	0xF18C (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.21 F18C:D5 FB Diag**

**3**

Description	Value
Index	0xF18C (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.21 F18C:D6 FB Diag**

**4**

Description	Value
Index	0xF18C (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.21 F18C:D7 FB Diag**

**5**

Description	Value
Index	0xF18C (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.21 F18C:D8 FB Diag****6**

Description	Value
Index	0xF18C (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.21 F18C:D9 FB Diag****7**

Description	Value
Index	0xF18C (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.21 F18C:DA FB Diag****8**

Description	Value
Index	0xF18C (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.21 F18C:DB FB Diag**

**9**

Description	Value
Index	0xF18C (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.22 F18C:DC FB Diag**

**0**

Description	Value
Index	0xF18C (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.22 F18C:DD FB Diag**

**1**

Description	Value
Index	0xF18C (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.22 F18C:DE FB Diag****2**

Description	Value
Index	0xF18C (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.22 F18C:DF FB Diag****3**

Description	Value
Index	0xF18C (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.22 F18C:E0 FB Diag****4**

Description	Value
Index	0xF18C (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.196.22 F18C:E1 FB Diag**  
**5**

Description	Value
Index	0xF18C (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.22 F18C:E2 FB Diag**  
**6**

Description	Value
Index	0xF18C (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.22 F18C:E3 FB Diag**  
**7**

Description	Value
Index	0xF18C (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.22 F18C:E4 FB Diag****8**

Description	Value
Index	0xF18C (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.22 F18C:E5 FB Diag****9**

Description	Value
Index	0xF18C (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.23 F18C:E6 FB Diag****0**

Description	Value
Index	0xF18C (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.23 F18C:E7 FB Diag**

**1**

Description	Value
Index	0xF18C (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.23 F18C:E8 FB Diag**

**2**

Description	Value
Index	0xF18C (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.23 F18C:E9 FB Diag**

**3**

Description	Value
Index	0xF18C (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.23 F18C:EA FB Diag****4**

Description	Value
Index	0xF18C (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.23 F18C:EB FB Diag****5**

Description	Value
Index	0xF18C (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.23 F18C:EC FB Diag****6**

Description	Value
Index	0xF18C (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.23 F18C:ED FB Diag**

**7**

Description	Value
Index	0xF18C (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.23 F18C:EE FB Diag**

**8**

Description	Value
Index	0xF18C (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.23 F18C:EF FB Diag**

**9**

Description	Value
Index	0xF18C (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.24 F18C:F0 FB Diag****0**

Description	Value
Index	0xF18C (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.24 F18C:F1 FB Diag****1**

Description	Value
Index	0xF18C (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.24 F18C:F2 FB Diag****2**

Description	Value
Index	0xF18C (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.24 F18C:F3 FB Diag**

**3**

Description	Value
Index	0xF18C (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.24 F18C:F4 FB Diag**

**4**

Description	Value
Index	0xF18C (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.24 F18C:F5 FB Diag**

**5**

Description	Value
Index	0xF18C (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.24 F18C:F6 FB Diag****6**

Description	Value
Index	0xF18C (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.24 F18C:F7 FB Diag****7**

Description	Value
Index	0xF18C (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.24 F18C:F8 FB Diag****8**

Description	Value
Index	0xF18C (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.196.24 F18C:F9 FB Diag**

**9**

Description	Value
Index	0xF18C (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.25 F18C:FA FB Diag**

**0**

Description	Value
Index	0xF18C (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.25 F18C:FB FB Diag**

**1**

Description	Value
Index	0xF18C (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.25 F18C:FC FB Diag****2**

Description	Value
Index	0xF18C (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.25 F18C:FD FB Diag****3**

Description	Value
Index	0xF18C (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.25 F18C:FE FB Diag****4**

Description	Value
Index	0xF18C (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.196.25 F18C:FF FB Diag  
5**

Description	Value
Index	0xF18C (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197 F18D:x FB 256-510 Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.197.1 F18D:01 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.197.2 F18D:02 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.3 F18D:03 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.4 F18D:04 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.5 F18D:05 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.6 F18D:06 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.7 F18D:07 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.8 F18D:08 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.9 F18D:09 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.10 F18D:0A FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.11 F18D:0B FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.12 F18D:0C FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.13 F18D:0D FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.14 F18D:0E FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.197.15 F18D:0F FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.16 F18D:10 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.17 F18D:11 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.18 F18D:12 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.19 F18D:13 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.20 F18D:14 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.21 F18D:15 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.22 F18D:16 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.23 F18D:17 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.24 F18D:18 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.25 F18D:19 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.26 F18D:1A FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.27 F18D:1B FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.28 F18D:1C FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.29 F18D:1D FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.30 F18D:1E FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.31 F18D:1F FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.32 F18D:20 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.33 F18D:21 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.34 F18D:22 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.35 F18D:23 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.36 F18D:24 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.37 F18D:25 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.38 F18D:26 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.197.39 F18D:27 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.40 F18D:28 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.41 F18D:29 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.42 F18D:2A FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.43 F18D:2B FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.44 F18D:2C FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.45 F18D:2D FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.46 F18D:2E FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.47 F18D:2F FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.48 F18D:30 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.49 F18D:31 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.50 F18D:32 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.51 F18D:33 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.52 F18D:34 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.53 F18D:35 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.54 F18D:36 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.55 F18D:37 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.56 F18D:38 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.57 F18D:39 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.58 F18D:3A FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.59 F18D:3B FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.60 F18D:3C FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.61 F18D:3D FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.62 F18D:3E FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.197.63 F18D:3F FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.64 F18D:40 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.65 F18D:41 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.66 F18D:42 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.67 F18D:43 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.68 F18D:44 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.69 F18D:45 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.70 F18D:46 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.71 F18D:47 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.72 F18D:48 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.73 F18D:49 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.74 F18D:4A FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.75 F18D:4B FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.76 F18D:4C FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.77 F18D:4D FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.78 F18D:4E FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.79 F18D:4F FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.80 F18D:50 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.81 F18D:51 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.82 F18D:52 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.83 F18D:53 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.84 F18D:54 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.85 F18D:55 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.86 F18D:56 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.197.87 F18D:57 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.88 F18D:58 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.89 F18D:59 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.90 F18D:5A FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.91 F18D:5B FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.92 F18D:5C FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.93 F18D:5D FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.94 F18D:5E FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.95 F18D:5F FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.96 F18D:60 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.97 F18D:61 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.98 F18D:62 FB Diag**

Description	Value
Index	0xF18D (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.99 F18D:63 FB Diag

Description	Value
Index	0xF18D (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.10 F18D:64 FB Diag

**0**

Description	Value
Index	0xF18D (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.197.10 F18D:65 FB Diag

**1**

Description	Value
Index	0xF18D (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.10 F18D:66 FB Diag****2**

Description	Value
Index	0xF18D (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.10 F18D:67 FB Diag****3**

Description	Value
Index	0xF18D (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.10 F18D:68 FB Diag****4**

Description	Value
Index	0xF18D (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.10 F18D:69 FB Diag  
5**

Description	Value
Index	0xF18D (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.10 F18D:6A FB Diag  
6**

Description	Value
Index	0xF18D (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.10 F18D:6B FB Diag  
7**

Description	Value
Index	0xF18D (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.10 F18D:6C FB Diag****8**

Description	Value
Index	0xF18D (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.10 F18D:6D FB Diag****9**

Description	Value
Index	0xF18D (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.11 F18D:6E FB Diag****0**

Description	Value
Index	0xF18D (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.197.11 F18D:6F FB Diag**

**1**

Description	Value
Index	0xF18D (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.11 F18D:70 FB Diag**

**2**

Description	Value
Index	0xF18D (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.11 F18D:71 FB Diag**

**3**

Description	Value
Index	0xF18D (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.11 F18D:72 FB Diag****4**

Description	Value
Index	0xF18D (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.11 F18D:73 FB Diag****5**

Description	Value
Index	0xF18D (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.11 F18D:74 FB Diag****6**

Description	Value
Index	0xF18D (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.11 F18D:75 FB Diag**  
**7**

Description	Value
Index	0xF18D (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.11 F18D:76 FB Diag**  
**8**

Description	Value
Index	0xF18D (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.11 F18D:77 FB Diag**  
**9**

Description	Value
Index	0xF18D (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.12 F18D:78 FB Diag****0**

Description	Value
Index	0xF18D (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.12 F18D:79 FB Diag****1**

Description	Value
Index	0xF18D (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.12 F18D:7A FB Diag****2**

Description	Value
Index	0xF18D (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.12 F18D:7B FB Diag**

**3**

Description	Value
Index	0xF18D (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.12 F18D:7C FB Diag**

**4**

Description	Value
Index	0xF18D (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.12 F18D:7D FB Diag**

**5**

Description	Value
Index	0xF18D (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.12 F18D:7E FB Diag****6**

Description	Value
Index	0xF18D (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.12 F18D:7F FB Diag****7**

Description	Value
Index	0xF18D (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.12 F18D:80 FB Diag****8**

Description	Value
Index	0xF18D (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.12 F18D:81 FB Diag  
9**

Description	Value
Index	0xF18D (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.13 F18D:82 FB Diag  
0**

Description	Value
Index	0xF18D (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.13 F18D:83 FB Diag  
1**

Description	Value
Index	0xF18D (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.13 F18D:84 FB Diag****2**

Description	Value
Index	0xF18D (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.13 F18D:85 FB Diag****3**

Description	Value
Index	0xF18D (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.13 F18D:86 FB Diag****4**

Description	Value
Index	0xF18D (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.197.13 F18D:87 FB Diag  
5**

Description	Value
Index	0xF18D (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.13 F18D:88 FB Diag  
6**

Description	Value
Index	0xF18D (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.13 F18D:89 FB Diag  
7**

Description	Value
Index	0xF18D (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.13 F18D:8A FB Diag****8**

Description	Value
Index	0xF18D (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.13 F18D:8B FB Diag****9**

Description	Value
Index	0xF18D (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.14 F18D:8C FB Diag****0**

Description	Value
Index	0xF18D (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.14 F18D:8D FB Diag**

**1**

Description	Value
Index	0xF18D (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.14 F18D:8E FB Diag**

**2**

Description	Value
Index	0xF18D (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.14 F18D:8F FB Diag**

**3**

Description	Value
Index	0xF18D (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.14 F18D:90 FB Diag****4**

Description	Value
Index	0xF18D (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.14 F18D:91 FB Diag****5**

Description	Value
Index	0xF18D (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.14 F18D:92 FB Diag****6**

Description	Value
Index	0xF18D (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.14 F18D:93 FB Diag**  
**7**

Description	Value
Index	0xF18D (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.14 F18D:94 FB Diag**  
**8**

Description	Value
Index	0xF18D (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.14 F18D:95 FB Diag**  
**9**

Description	Value
Index	0xF18D (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.15 F18D:96 FB Diag****0**

Description	Value
Index	0xF18D (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.15 F18D:97 FB Diag****1**

Description	Value
Index	0xF18D (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.15 F18D:98 FB Diag****2**

Description	Value
Index	0xF18D (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.15 F18D:99 FB Diag**

**3**

Description	Value
Index	0xF18D (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.15 F18D:9A FB Diag**

**4**

Description	Value
Index	0xF18D (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.15 F18D:9B FB Diag**

**5**

Description	Value
Index	0xF18D (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.15 F18D:9C FB Diag****6**

Description	Value
Index	0xF18D (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.15 F18D:9D FB Diag****7**

Description	Value
Index	0xF18D (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.15 F18D:9E FB Diag****8**

Description	Value
Index	0xF18D (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.197.15 F18D:9F FB Diag**

**9**

Description	Value
Index	0xF18D (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.16 F18D:A0 FB Diag**

**0**

Description	Value
Index	0xF18D (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.16 F18D:A1 FB Diag**

**1**

Description	Value
Index	0xF18D (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.16 F18D:A2 FB Diag****2**

Description	Value
Index	0xF18D (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.16 F18D:A3 FB Diag****3**

Description	Value
Index	0xF18D (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.16 F18D:A4 FB Diag****4**

Description	Value
Index	0xF18D (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.16 F18D:A5 FB Diag  
5**

Description	Value
Index	0xF18D (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.16 F18D:A6 FB Diag  
6**

Description	Value
Index	0xF18D (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.16 F18D:A7 FB Diag  
7**

Description	Value
Index	0xF18D (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.16 F18D:A8 FB Diag****8**

Description	Value
Index	0xF18D (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.16 F18D:A9 FB Diag****9**

Description	Value
Index	0xF18D (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.17 F18D:AA FB Diag****0**

Description	Value
Index	0xF18D (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.17 F18D:AB FB Diag**

**1**

Description	Value
Index	0xF18D (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.17 F18D:AC FB Diag**

**2**

Description	Value
Index	0xF18D (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.17 F18D:AD FB Diag**

**3**

Description	Value
Index	0xF18D (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.17 F18D:AE FB Diag****4**

Description	Value
Index	0xF18D (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.17 F18D:AF FB Diag****5**

Description	Value
Index	0xF18D (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.17 F18D:B0 FB Diag****6**

Description	Value
Index	0xF18D (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.17 F18D:B1 FB Diag**  
**7**

Description	Value
Index	0xF18D (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.17 F18D:B2 FB Diag**  
**8**

Description	Value
Index	0xF18D (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.17 F18D:B3 FB Diag**  
**9**

Description	Value
Index	0xF18D (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.18 F18D:B4 FB Diag****0**

Description	Value
Index	0xF18D (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.18 F18D:B5 FB Diag****1**

Description	Value
Index	0xF18D (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.18 F18D:B6 FB Diag****2**

Description	Value
Index	0xF18D (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.197.18 F18D:B7 FB Diag**

**3**

Description	Value
Index	0xF18D (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.18 F18D:B8 FB Diag**

**4**

Description	Value
Index	0xF18D (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.18 F18D:B9 FB Diag**

**5**

Description	Value
Index	0xF18D (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.18 F18D:BA FB Diag****6**

Description	Value
Index	0xF18D (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.18 F18D:BB FB Diag****7**

Description	Value
Index	0xF18D (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.18 F18D:BC FB Diag****8**

Description	Value
Index	0xF18D (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.18 F18D:BD FB Diag**

**9**

Description	Value
Index	0xF18D (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.19 F18D:BE FB Diag**

**0**

Description	Value
Index	0xF18D (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.19 F18D:BF FB Diag**

**1**

Description	Value
Index	0xF18D (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.19 F18D:C0 FB Diag****2**

Description	Value
Index	0xF18D (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.19 F18D:C1 FB Diag****3**

Description	Value
Index	0xF18D (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.19 F18D:C2 FB Diag****4**

Description	Value
Index	0xF18D (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.19 F18D:C3 FB Diag  
5**

Description	Value
Index	0xF18D (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.19 F18D:C4 FB Diag  
6**

Description	Value
Index	0xF18D (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.19 F18D:C5 FB Diag  
7**

Description	Value
Index	0xF18D (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.19 F18D:C6 FB Diag****8**

Description	Value
Index	0xF18D (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.19 F18D:C7 FB Diag****9**

Description	Value
Index	0xF18D (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.20 F18D:C8 FB Diag****0**

Description	Value
Index	0xF18D (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.20 F18D:C9 FB Diag**

**1**

Description	Value
Index	0xF18D (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.20 F18D:CA FB Diag**

**2**

Description	Value
Index	0xF18D (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.20 F18D:CB FB Diag**

**3**

Description	Value
Index	0xF18D (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.20 F18D:CC FB Diag****4**

Description	Value
Index	0xF18D (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.20 F18D:CD FB Diag****5**

Description	Value
Index	0xF18D (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.20 F18D:CE FB Diag****6**

Description	Value
Index	0xF18D (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.197.20 F18D:CF FB Diag**

**7**

Description	Value
Index	0xF18D (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.20 F18D:D0 FB Diag**

**8**

Description	Value
Index	0xF18D (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.20 F18D:D1 FB Diag**

**9**

Description	Value
Index	0xF18D (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.21 F18D:D2 FB Diag****0**

Description	Value
Index	0xF18D (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.21 F18D:D3 FB Diag****1**

Description	Value
Index	0xF18D (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.21 F18D:D4 FB Diag****2**

Description	Value
Index	0xF18D (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.21 F18D:D5 FB Diag**

**3**

Description	Value
Index	0xF18D (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.21 F18D:D6 FB Diag**

**4**

Description	Value
Index	0xF18D (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.21 F18D:D7 FB Diag**

**5**

Description	Value
Index	0xF18D (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.21 F18D:D8 FB Diag****6**

Description	Value
Index	0xF18D (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.21 F18D:D9 FB Diag****7**

Description	Value
Index	0xF18D (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.21 F18D:DA FB Diag****8**

Description	Value
Index	0xF18D (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.21 F18D:DB FB Diag  
9**

Description	Value
Index	0xF18D (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.22 F18D:DC FB Diag  
0**

Description	Value
Index	0xF18D (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.22 F18D:DD FB Diag  
1**

Description	Value
Index	0xF18D (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.22 F18D:DE FB Diag****2**

Description	Value
Index	0xF18D (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.22 F18D:DF FB Diag****3**

Description	Value
Index	0xF18D (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.22 F18D:E0 FB Diag****4**

Description	Value
Index	0xF18D (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.22 F18D:E1 FB Diag**

**5**

Description	Value
Index	0xF18D (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.22 F18D:E2 FB Diag**

**6**

Description	Value
Index	0xF18D (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.22 F18D:E3 FB Diag**

**7**

Description	Value
Index	0xF18D (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.22 F18D:E4 FB Diag****8**

Description	Value
Index	0xF18D (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.22 F18D:E5 FB Diag****9**

Description	Value
Index	0xF18D (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.23 F18D:E6 FB Diag****0**

Description	Value
Index	0xF18D (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.197.23 F18D:E7 FB Diag**

**1**

Description	Value
Index	0xF18D (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.23 F18D:E8 FB Diag**

**2**

Description	Value
Index	0xF18D (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.23 F18D:E9 FB Diag**

**3**

Description	Value
Index	0xF18D (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.23 F18D:EA FB Diag****4**

Description	Value
Index	0xF18D (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.23 F18D:EB FB Diag****5**

Description	Value
Index	0xF18D (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.23 F18D:EC FB Diag****6**

Description	Value
Index	0xF18D (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.23 F18D:ED FB Diag**  
**7**

Description	Value
Index	0xF18D (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.23 F18D:EE FB Diag**  
**8**

Description	Value
Index	0xF18D (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.23 F18D:EF FB Diag**  
**9**

Description	Value
Index	0xF18D (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.24 F18D:F0 FB Diag****0**

Description	Value
Index	0xF18D (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.24 F18D:F1 FB Diag****1**

Description	Value
Index	0xF18D (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.24 F18D:F2 FB Diag****2**

Description	Value
Index	0xF18D (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.24 F18D:F3 FB Diag**

**3**

Description	Value
Index	0xF18D (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.24 F18D:F4 FB Diag**

**4**

Description	Value
Index	0xF18D (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.24 F18D:F5 FB Diag**

**5**

Description	Value
Index	0xF18D (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.24 F18D:F6 FB Diag****6**

Description	Value
Index	0xF18D (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.24 F18D:F7 FB Diag****7**

Description	Value
Index	0xF18D (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.24 F18D:F8 FB Diag****8**

Description	Value
Index	0xF18D (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.24 F18D:F9 FB Diag**

**9**

Description	Value
Index	0xF18D (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.25 F18D:FA FB Diag**

**0**

Description	Value
Index	0xF18D (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.25 F18D:FB FB Diag**

**1**

Description	Value
Index	0xF18D (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.25 F18D:FC FB Diag****2**

Description	Value
Index	0xF18D (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.25 F18D:FD FB Diag****3**

Description	Value
Index	0xF18D (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.197.25 F18D:FE FB Diag****4**

Description	Value
Index	0xF18D (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.197.25 F18D:FF FB Diag  
5**

Description	Value
Index	0xF18D (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198 F18E:x FB 511-512 Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.198.1 F18E:01 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.198.2 F18E:02 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.3 F18E:03 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.4 F18E:04 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.5 F18E:05 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.6 F18E:06 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.7 F18E:07 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.8 F18E:08 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.9 F18E:09 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.10 F18E:0A FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.11 F18E:0B FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.12 F18E:0C FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.13 F18E:0D FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.14 F18E:0E FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.15 F18E:0F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.16 F18E:10 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.17 F18E:11 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.18 F18E:12 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.19 F18E:13 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.20 F18E:14 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.198.21 F18E:15 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.22 F18E:16 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.23 F18E:17 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.24 F18E:18 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.25 F18E:19 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.26 F18E:1A FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.27 F18E:1B FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.28 F18E:1C FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.29 F18E:1D FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.30 F18E:1E FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.31 F18E:1F FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.32 F18E:20 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.33 F18E:21 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.34 F18E:22 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.35 F18E:23 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.36 F18E:24 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.37 F18E:25 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.38 F18E:26 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.39 F18E:27 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.40 F18E:28 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.41 F18E:29 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.42 F18E:2A FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.43 F18E:2B FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.44 F18E:2C FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.198.45 F18E:2D FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.46 F18E:2E FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.47 F18E:2F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.48 F18E:30 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.49 F18E:31 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.50 F18E:32 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.51 F18E:33 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.52 F18E:34 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.53 F18E:35 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.54 F18E:36 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.55 F18E:37 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.56 F18E:38 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.57 F18E:39 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.58 F18E:3A FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.59 F18E:3B FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.60 F18E:3C FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.61 F18E:3D FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.62 F18E:3E FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.63 F18E:3F FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.64 F18E:40 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.65 F18E:41 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.66 F18E:42 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.67 F18E:43 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.68 F18E:44 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.198.69 F18E:45 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.70 F18E:46 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.71 F18E:47 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.72 F18E:48 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.73 F18E:49 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.74 F18E:4A FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.75 F18E:4B FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.76 F18E:4C FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.77 F18E:4D FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.78 F18E:4E FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.79 F18E:4F FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.80 F18E:50 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.81 F18E:51 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.82 F18E:52 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.83 F18E:53 FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.84 F18E:54 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.85 F18E:55 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.86 F18E:56 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.87 F18E:57 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.88 F18E:58 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.89 F18E:59 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.90 F18E:5A FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.91 F18E:5B FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.92 F18E:5C FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.198.93 F18E:5D FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.94 F18E:5E FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.95 F18E:5F FB Diag

Description	Value
Index	0xF18E (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.96 F18E:60 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.97 F18E:61 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.98 F18E:62 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.99 F18E:63 FB Diag**

Description	Value
Index	0xF18E (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.10 F18E:64 FB Diag  
0**

Description	Value
Index	0xF18E (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.10 F18E:65 FB Diag  
1**

Description	Value
Index	0xF18E (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.10 F18E:66 FB Diag****2**

Description	Value
Index	0xF18E (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.10 F18E:67 FB Diag****3**

Description	Value
Index	0xF18E (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.10 F18E:68 FB Diag****4**

Description	Value
Index	0xF18E (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.10 F18E:69 FB Diag  
5**

Description	Value
Index	0xF18E (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.10 F18E:6A FB Diag  
6**

Description	Value
Index	0xF18E (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.10 F18E:6B FB Diag  
7**

Description	Value
Index	0xF18E (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.10 F18E:6C FB Diag****8**

Description	Value
Index	0xF18E (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.10 F18E:6D FB Diag****9**

Description	Value
Index	0xF18E (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.11 F18E:6E FB Diag****0**

Description	Value
Index	0xF18E (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.11 F18E:6F FB Diag**

**1**

Description	Value
Index	0xF18E (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.11 F18E:70 FB Diag**

**2**

Description	Value
Index	0xF18E (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.11 F18E:71 FB Diag**

**3**

Description	Value
Index	0xF18E (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.11 F18E:72 FB Diag****4**

Description	Value
Index	0xF18E (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.11 F18E:73 FB Diag****5**

Description	Value
Index	0xF18E (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.11 F18E:74 FB Diag****6**

Description	Value
Index	0xF18E (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.198.11 F18E:75 FB Diag**  
**7**

Description	Value
Index	0xF18E (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.11 F18E:76 FB Diag**  
**8**

Description	Value
Index	0xF18E (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.11 F18E:77 FB Diag**  
**9**

Description	Value
Index	0xF18E (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.12 F18E:78 FB Diag****0**

Description	Value
Index	0xF18E (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.12 F18E:79 FB Diag****1**

Description	Value
Index	0xF18E (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.12 F18E:7A FB Diag****2**

Description	Value
Index	0xF18E (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.12 F18E:7B FB Diag**

**3**

Description	Value
Index	0xF18E (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.12 F18E:7C FB Diag**

**4**

Description	Value
Index	0xF18E (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.12 F18E:7D FB Diag**

**5**

Description	Value
Index	0xF18E (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.12 F18E:7E FB Diag****6**

Description	Value
Index	0xF18E (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.12 F18E:7F FB Diag****7**

Description	Value
Index	0xF18E (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.12 F18E:80 FB Diag****8**

Description	Value
Index	0xF18E (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.12 F18E:81 FB Diag  
9**

Description	Value
Index	0xF18E (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.13 F18E:82 FB Diag  
0**

Description	Value
Index	0xF18E (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.13 F18E:83 FB Diag  
1**

Description	Value
Index	0xF18E (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.13 F18E:84 FB Diag****2**

Description	Value
Index	0xF18E (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.13 F18E:85 FB Diag****3**

Description	Value
Index	0xF18E (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.13 F18E:86 FB Diag****4**

Description	Value
Index	0xF18E (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.13 F18E:87 FB Diag  
5**

Description	Value
Index	0xF18E (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.13 F18E:88 FB Diag  
6**

Description	Value
Index	0xF18E (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.13 F18E:89 FB Diag  
7**

Description	Value
Index	0xF18E (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.13 F18E:8A FB Diag****8**

Description	Value
Index	0xF18E (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.13 F18E:8B FB Diag****9**

Description	Value
Index	0xF18E (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.14 F18E:8C FB Diag****0**

Description	Value
Index	0xF18E (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.198.14 F18E:8D FB Diag**

**1**

Description	Value
Index	0xF18E (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.14 F18E:8E FB Diag**

**2**

Description	Value
Index	0xF18E (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.14 F18E:8F FB Diag**

**3**

Description	Value
Index	0xF18E (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.14 F18E:90 FB Diag****4**

Description	Value
Index	0xF18E (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.14 F18E:91 FB Diag****5**

Description	Value
Index	0xF18E (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.14 F18E:92 FB Diag****6**

Description	Value
Index	0xF18E (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.14 F18E:93 FB Diag**  
**7**

Description	Value
Index	0xF18E (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.14 F18E:94 FB Diag**  
**8**

Description	Value
Index	0xF18E (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.14 F18E:95 FB Diag**  
**9**

Description	Value
Index	0xF18E (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.15 F18E:96 FB Diag****0**

Description	Value
Index	0xF18E (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.15 F18E:97 FB Diag****1**

Description	Value
Index	0xF18E (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.15 F18E:98 FB Diag****2**

Description	Value
Index	0xF18E (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.15 F18E:99 FB Diag**

**3**

Description	Value
Index	0xF18E (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.15 F18E:9A FB Diag**

**4**

Description	Value
Index	0xF18E (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.15 F18E:9B FB Diag**

**5**

Description	Value
Index	0xF18E (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.15 F18E:9C FB Diag****6**

Description	Value
Index	0xF18E (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.15 F18E:9D FB Diag****7**

Description	Value
Index	0xF18E (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.15 F18E:9E FB Diag****8**

Description	Value
Index	0xF18E (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.15 F18E:9F FB Diag  
9**

Description	Value
Index	0xF18E (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.16 F18E:A0 FB Diag  
0**

Description	Value
Index	0xF18E (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.16 F18E:A1 FB Diag  
1**

Description	Value
Index	0xF18E (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.16 F18E:A2 FB Diag****2**

Description	Value
Index	0xF18E (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.16 F18E:A3 FB Diag****3**

Description	Value
Index	0xF18E (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.16 F18E:A4 FB Diag****4**

Description	Value
Index	0xF18E (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.198.16 F18E:A5 FB Diag  
5**

Description	Value
Index	0xF18E (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.16 F18E:A6 FB Diag  
6**

Description	Value
Index	0xF18E (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.16 F18E:A7 FB Diag  
7**

Description	Value
Index	0xF18E (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.16 F18E:A8 FB Diag****8**

Description	Value
Index	0xF18E (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.16 F18E:A9 FB Diag****9**

Description	Value
Index	0xF18E (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.17 F18E:AA FB Diag****0**

Description	Value
Index	0xF18E (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.17 F18E:AB FB Diag**

**1**

Description	Value
Index	0xF18E (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.17 F18E:AC FB Diag**

**2**

Description	Value
Index	0xF18E (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.17 F18E:AD FB Diag**

**3**

Description	Value
Index	0xF18E (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.17 F18E:AE FB Diag****4**

Description	Value
Index	0xF18E (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.17 F18E:AF FB Diag****5**

Description	Value
Index	0xF18E (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.17 F18E:B0 FB Diag****6**

Description	Value
Index	0xF18E (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.17 F18E:B1 FB Diag**  
**7**

Description	Value
Index	0xF18E (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.17 F18E:B2 FB Diag**  
**8**

Description	Value
Index	0xF18E (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.17 F18E:B3 FB Diag**  
**9**

Description	Value
Index	0xF18E (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.18 F18E:B4 FB Diag****0**

Description	Value
Index	0xF18E (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.18 F18E:B5 FB Diag****1**

Description	Value
Index	0xF18E (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.18 F18E:B6 FB Diag****2**

Description	Value
Index	0xF18E (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.18 F18E:B7 FB Diag**

**3**

Description	Value
Index	0xF18E (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.18 F18E:B8 FB Diag**

**4**

Description	Value
Index	0xF18E (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.18 F18E:B9 FB Diag**

**5**

Description	Value
Index	0xF18E (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.18 F18E:BA FB Diag****6**

Description	Value
Index	0xF18E (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.18 F18E:BB FB Diag****7**

Description	Value
Index	0xF18E (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.18 F18E:BC FB Diag****8**

Description	Value
Index	0xF18E (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.198.18 F18E:BD FB Diag  
9**

Description	Value
Index	0xF18E (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.19 F18E:BE FB Diag  
0**

Description	Value
Index	0xF18E (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.19 F18E:BF FB Diag  
1**

Description	Value
Index	0xF18E (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.19 F18E:C0 FB Diag****2**

Description	Value
Index	0xF18E (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.19 F18E:C1 FB Diag****3**

Description	Value
Index	0xF18E (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.19 F18E:C2 FB Diag****4**

Description	Value
Index	0xF18E (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.19 F18E:C3 FB Diag**

**5**

Description	Value
Index	0xF18E (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.19 F18E:C4 FB Diag**

**6**

Description	Value
Index	0xF18E (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.19 F18E:C5 FB Diag**

**7**

Description	Value
Index	0xF18E (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.19 F18E:C6 FB Diag****8**

Description	Value
Index	0xF18E (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.19 F18E:C7 FB Diag****9**

Description	Value
Index	0xF18E (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.20 F18E:C8 FB Diag****0**

Description	Value
Index	0xF18E (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.20 F18E:C9 FB Diag**

**1**

Description	Value
Index	0xF18E (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.20 F18E:CA FB Diag**

**2**

Description	Value
Index	0xF18E (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.20 F18E:CB FB Diag**

**3**

Description	Value
Index	0xF18E (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.20 F18E:CC FB Diag****4**

Description	Value
Index	0xF18E (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.20 F18E:CD FB Diag****5**

Description	Value
Index	0xF18E (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.20 F18E:CE FB Diag****6**

Description	Value
Index	0xF18E (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.20 F18E:CF FB Diag**

**7**

Description	Value
Index	0xF18E (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.20 F18E:D0 FB Diag**

**8**

Description	Value
Index	0xF18E (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.20 F18E:D1 FB Diag**

**9**

Description	Value
Index	0xF18E (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.21 F18E:D2 FB Diag****0**

Description	Value
Index	0xF18E (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.21 F18E:D3 FB Diag****1**

Description	Value
Index	0xF18E (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.21 F18E:D4 FB Diag****2**

Description	Value
Index	0xF18E (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.198.21 F18E:D5 FB Diag**

**3**

Description	Value
Index	0xF18E (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.21 F18E:D6 FB Diag**

**4**

Description	Value
Index	0xF18E (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.21 F18E:D7 FB Diag**

**5**

Description	Value
Index	0xF18E (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.21 F18E:D8 FB Diag****6**

Description	Value
Index	0xF18E (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.21 F18E:D9 FB Diag****7**

Description	Value
Index	0xF18E (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.21 F18E:DA FB Diag****8**

Description	Value
Index	0xF18E (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.21 F18E:DB FB Diag  
9**

Description	Value
Index	0xF18E (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.22 F18E:DC FB Diag  
0**

Description	Value
Index	0xF18E (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.22 F18E:DD FB Diag  
1**

Description	Value
Index	0xF18E (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.22 F18E:DE FB Diag****2**

Description	Value
Index	0xF18E (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.22 F18E:DF FB Diag****3**

Description	Value
Index	0xF18E (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.22 F18E:E0 FB Diag****4**

Description	Value
Index	0xF18E (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.22 F18E:E1 FB Diag**  
**5**

Description	Value
Index	0xF18E (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.22 F18E:E2 FB Diag**  
**6**

Description	Value
Index	0xF18E (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.22 F18E:E3 FB Diag**  
**7**

Description	Value
Index	0xF18E (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.22 F18E:E4 FB Diag****8**

Description	Value
Index	0xF18E (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.22 F18E:E5 FB Diag****9**

Description	Value
Index	0xF18E (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.23 F18E:E6 FB Diag****0**

Description	Value
Index	0xF18E (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.23 F18E:E7 FB Diag**

**1**

Description	Value
Index	0xF18E (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.23 F18E:E8 FB Diag**

**2**

Description	Value
Index	0xF18E (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.23 F18E:E9 FB Diag**

**3**

Description	Value
Index	0xF18E (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.23 F18E:EA FB Diag****4**

Description	Value
Index	0xF18E (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.23 F18E:EB FB Diag****5**

Description	Value
Index	0xF18E (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.23 F18E:EC FB Diag****6**

Description	Value
Index	0xF18E (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.198.23 F18E:ED FB Diag**

**7**

Description	Value
Index	0xF18E (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.23 F18E:EE FB Diag**

**8**

Description	Value
Index	0xF18E (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.23 F18E:EF FB Diag**

**9**

Description	Value
Index	0xF18E (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.24 F18E:F0 FB Diag 0

Description	Value
Index	0xF18E (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.24 F18E:F1 FB Diag 1

Description	Value
Index	0xF18E (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.198.24 F18E:F2 FB Diag 2

Description	Value
Index	0xF18E (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.24 F18E:F3 FB Diag**

**3**

Description	Value
Index	0xF18E (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.24 F18E:F4 FB Diag**

**4**

Description	Value
Index	0xF18E (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.24 F18E:F5 FB Diag**

**5**

Description	Value
Index	0xF18E (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.24 F18E:F6 FB Diag****6**

Description	Value
Index	0xF18E (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.24 F18E:F7 FB Diag****7**

Description	Value
Index	0xF18E (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.24 F18E:F8 FB Diag****8**

Description	Value
Index	0xF18E (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.24 F18E:F9 FB Diag  
9**

Description	Value
Index	0xF18E (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.25 F18E:FA FB Diag  
0**

Description	Value
Index	0xF18E (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.25 F18E:FB FB Diag  
1**

Description	Value
Index	0xF18E (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.25 F18E:FC FB Diag****2**

Description	Value
Index	0xF18E (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.25 F18E:FD FB Diag****3**

Description	Value
Index	0xF18E (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.25 F18E:FE FB Diag****4**

Description	Value
Index	0xF18E (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.198.25 F18E:FF FB Diag  
5**

Description	Value
Index	0xF18E (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.199 F190:x Connection State

Description	Value
Index	0xF190 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	212 (0xD4)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.199.1 F190:01 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.199.2 F190:02 FB State

Description	Value
Index	0xF190 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.199.3 F190:03 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.4 F190:04 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.5 F190:05 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.6 F190:06 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.7 F190:07 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.8 F190:08 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.9 F190:09 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.10 F190:0A FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.11 F190:0B FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.12 F190:0C FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.13 F190:0D FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.14 F190:0E FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.15 F190:0F FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.16 F190:10 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.17 F190:11 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.18 F190:12 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.19 F190:13 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.20 F190:14 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.21 F190:15 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.22 F190:16 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.23 F190:17 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.24 F190:18 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.25 F190:19 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.26 F190:1A FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.199.27 F190:1B FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.28 F190:1C FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.29 F190:1D FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.30 F190:1E FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.31 F190:1F FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.32 F190:20 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.33 F190:21 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.34 F190:22 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.35 F190:23 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.36 F190:24 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.37 F190:25 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.38 F190:26 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.39 F190:27 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.40 F190:28 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.41 F190:29 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.42 F190:2A FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.43 F190:2B FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.44 F190:2C FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.45 F190:2D FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.46 F190:2E FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.47 F190:2F FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.48 F190:30 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.49 F190:31 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.50 F190:32 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.199.51 F190:33 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.52 F190:34 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.53 F190:35 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.54 F190:36 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.55 F190:37 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.56 F190:38 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.57 F190:39 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.58 F190:3A FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.59 F190:3B FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.60 F190:3C FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.61 F190:3D FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.62 F190:3E FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.63 F190:3F FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.64 F190:40 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.65 F190:41 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.66 F190:42 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.67 F190:43 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.68 F190:44 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.69 F190:45 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.70 F190:46 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.71 F190:47 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.72 F190:48 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.73 F190:49 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.74 F190:4A FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.199.75 F190:4B FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.76 F190:4C FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.77 F190:4D FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.78 F190:4E FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.79 F190:4F FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.80 F190:50 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.81 F190:51 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.82 F190:52 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.83 F190:53 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.84 F190:54 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.85 F190:55 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.86 F190:56 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.87 F190:57 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.88 F190:58 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.89 F190:59 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.90 F190:5A FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.91 F190:5B FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.92 F190:5C FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.93 F190:5D FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.94 F190:5E FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.95 F190:5F FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.96 F190:60 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.97 F190:61 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.98 F190:62 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.199.99 F190:63 FB State**

Description	Value
Index	0xF190 (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.10 F190:64 FB State**

**0**

Description	Value
Index	0xF190 (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.10 F190:65 FB State**

**1**

Description	Value
Index	0xF190 (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.10 F190:66 FB State****2**

Description	Value
Index	0xF190 (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.10 F190:67 FB State****3**

Description	Value
Index	0xF190 (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.10 F190:68 FB State****4**

Description	Value
Index	0xF190 (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.10 F190:69 FB State**

**5**

Description	Value
Index	0xF190 (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.10 F190:6A FB State**

**6**

Description	Value
Index	0xF190 (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.10 F190:6B FB State**

**7**

Description	Value
Index	0xF190 (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.10 F190:6C FB State****8**

Description	Value
Index	0xF190 (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.10 F190:6D FB State****9**

Description	Value
Index	0xF190 (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.11 F190:6E FB State****0**

Description	Value
Index	0xF190 (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.11 F190:6F FB State**

**1**

Description	Value
Index	0xF190 (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.11 F190:70 FB State**

**2**

Description	Value
Index	0xF190 (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.11 F190:71 FB State**

**3**

Description	Value
Index	0xF190 (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.11 F190:72 FB State****4**

Description	Value
Index	0xF190 (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.11 F190:73 FB State****5**

Description	Value
Index	0xF190 (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.11 F190:74 FB State****6**

Description	Value
Index	0xF190 (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.11 F190:75 FB State**

**7**

Description	Value
Index	0xF190 (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.11 F190:76 FB State**

**8**

Description	Value
Index	0xF190 (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.11 F190:77 FB State**

**9**

Description	Value
Index	0xF190 (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.12 F190:78 FB State****0**

Description	Value
Index	0xF190 (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.12 F190:79 FB State****1**

Description	Value
Index	0xF190 (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.12 F190:7A FB State****2**

Description	Value
Index	0xF190 (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.199.12 F190:7B FB State**

**3**

Description	Value
Index	0xF190 (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.12 F190:7C FB State**

**4**

Description	Value
Index	0xF190 (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.12 F190:7D FB State**

**5**

Description	Value
Index	0xF190 (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.12 F190:7E FB State****6**

Description	Value
Index	0xF190 (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.12 F190:7F FB State****7**

Description	Value
Index	0xF190 (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.12 F190:80 FB State****8**

Description	Value
Index	0xF190 (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.12 F190:81 FB State**

**9**

Description	Value
Index	0xF190 (Device)
Subindex	0x81
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.13 F190:82 FB State**

**0**

Description	Value
Index	0xF190 (Device)
Subindex	0x82
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.13 F190:83 FB State**

**1**

Description	Value
Index	0xF190 (Device)
Subindex	0x83
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.13 F190:84 FB State****2**

Description	Value
Index	0xF190 (Device)
Subindex	0x84
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.13 F190:85 FB State****3**

Description	Value
Index	0xF190 (Device)
Subindex	0x85
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.13 F190:86 FB State****4**

Description	Value
Index	0xF190 (Device)
Subindex	0x86
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.13 F190:87 FB State**

**5**

Description	Value
Index	0xF190 (Device)
Subindex	0x87
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.13 F190:88 FB State**

**6**

Description	Value
Index	0xF190 (Device)
Subindex	0x88
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.13 F190:89 FB State**

**7**

Description	Value
Index	0xF190 (Device)
Subindex	0x89
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.13 F190:8A FB State****8**

Description	Value
Index	0xF190 (Device)
Subindex	0x8A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.13 F190:8B FB State****9**

Description	Value
Index	0xF190 (Device)
Subindex	0x8B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.14 F190:8C FB State****0**

Description	Value
Index	0xF190 (Device)
Subindex	0x8C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.14 F190:8D FB State**

**1**

Description	Value
Index	0xF190 (Device)
Subindex	0x8D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.14 F190:8E FB State**

**2**

Description	Value
Index	0xF190 (Device)
Subindex	0x8E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.14 F190:8F FB State**

**3**

Description	Value
Index	0xF190 (Device)
Subindex	0x8F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.14 F190:90 FB State****4**

Description	Value
Index	0xF190 (Device)
Subindex	0x90
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.14 F190:91 FB State****5**

Description	Value
Index	0xF190 (Device)
Subindex	0x91
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.14 F190:92 FB State****6**

Description	Value
Index	0xF190 (Device)
Subindex	0x92
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.199.14 F190:93 FB State**

**7**

Description	Value
Index	0xF190 (Device)
Subindex	0x93
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.14 F190:94 FB State**

**8**

Description	Value
Index	0xF190 (Device)
Subindex	0x94
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.14 F190:95 FB State**

**9**

Description	Value
Index	0xF190 (Device)
Subindex	0x95
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.15 F190:96 FB State****0**

Description	Value
Index	0xF190 (Device)
Subindex	0x96
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.15 F190:97 FB State****1**

Description	Value
Index	0xF190 (Device)
Subindex	0x97
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.15 F190:98 FB State****2**

Description	Value
Index	0xF190 (Device)
Subindex	0x98
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.15 F190:99 FB State**

**3**

Description	Value
Index	0xF190 (Device)
Subindex	0x99
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.15 F190:9A FB State**

**4**

Description	Value
Index	0xF190 (Device)
Subindex	0x9A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.15 F190:9B FB State**

**5**

Description	Value
Index	0xF190 (Device)
Subindex	0x9B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.15 F190:9C FB State****6**

Description	Value
Index	0xF190 (Device)
Subindex	0x9C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.15 F190:9D FB State****7**

Description	Value
Index	0xF190 (Device)
Subindex	0x9D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.15 F190:9E FB State****8**

Description	Value
Index	0xF190 (Device)
Subindex	0x9E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.15 F190:9F FB State**

**9**

Description	Value
Index	0xF190 (Device)
Subindex	0x9F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.16 F190:A0 FB State**

**0**

Description	Value
Index	0xF190 (Device)
Subindex	0xA0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.16 F190:A1 FB State**

**1**

Description	Value
Index	0xF190 (Device)
Subindex	0xA1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.16 F190:A2 FB State****2**

Description	Value
Index	0xF190 (Device)
Subindex	0xA2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.16 F190:A3 FB State****3**

Description	Value
Index	0xF190 (Device)
Subindex	0xA3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.16 F190:A4 FB State****4**

Description	Value
Index	0xF190 (Device)
Subindex	0xA4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.16 F190:A5 FB State**  
**5**

Description	Value
Index	0xF190 (Device)
Subindex	0xA5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.16 F190:A6 FB State**  
**6**

Description	Value
Index	0xF190 (Device)
Subindex	0xA6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.16 F190:A7 FB State**  
**7**

Description	Value
Index	0xF190 (Device)
Subindex	0xA7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.16 F190:A8 FB State****8**

Description	Value
Index	0xF190 (Device)
Subindex	0xA8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.16 F190:A9 FB State****9**

Description	Value
Index	0xF190 (Device)
Subindex	0xA9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.17 F190:AA FB State****0**

Description	Value
Index	0xF190 (Device)
Subindex	0xAA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.199.17 F190:AB FB State**

**1**

Description	Value
Index	0xF190 (Device)
Subindex	0xAB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.17 F190:AC FB State**

**2**

Description	Value
Index	0xF190 (Device)
Subindex	0xAC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.17 F190:AD FB State**

**3**

Description	Value
Index	0xF190 (Device)
Subindex	0xAD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.17 F190:AE FB State****4**

Description	Value
Index	0xF190 (Device)
Subindex	0xAE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.17 F190:AF FB State****5**

Description	Value
Index	0xF190 (Device)
Subindex	0xAF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.17 F190:B0 FB State****6**

Description	Value
Index	0xF190 (Device)
Subindex	0xB0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.17 F190:B1 FB State**

**7**

Description	Value
Index	0xF190 (Device)
Subindex	0xB1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.17 F190:B2 FB State**

**8**

Description	Value
Index	0xF190 (Device)
Subindex	0xB2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.17 F190:B3 FB State**

**9**

Description	Value
Index	0xF190 (Device)
Subindex	0xB3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.18 F190:B4 FB State****0**

Description	Value
Index	0xF190 (Device)
Subindex	0xB4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.18 F190:B5 FB State****1**

Description	Value
Index	0xF190 (Device)
Subindex	0xB5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.18 F190:B6 FB State****2**

Description	Value
Index	0xF190 (Device)
Subindex	0xB6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.18 F190:B7 FB State**

**3**

Description	Value
Index	0xF190 (Device)
Subindex	0xB7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.18 F190:B8 FB State**

**4**

Description	Value
Index	0xF190 (Device)
Subindex	0xB8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.18 F190:B9 FB State**

**5**

Description	Value
Index	0xF190 (Device)
Subindex	0xB9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.18 F190:BA FB State****6**

Description	Value
Index	0xF190 (Device)
Subindex	0xBA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.18 F190:BB FB State****7**

Description	Value
Index	0xF190 (Device)
Subindex	0xBB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.18 F190:BC FB State****8**

Description	Value
Index	0xF190 (Device)
Subindex	0xBC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.18 F190:BD FB State**

**9**

Description	Value
Index	0xF190 (Device)
Subindex	0xBD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.19 F190:BE FB State**

**0**

Description	Value
Index	0xF190 (Device)
Subindex	0xBE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.19 F190:BF FB State**

**1**

Description	Value
Index	0xF190 (Device)
Subindex	0xBF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.19 F190:C0 FB State****2**

Description	Value
Index	0xF190 (Device)
Subindex	0xC0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.19 F190:C1 FB State****3**

Description	Value
Index	0xF190 (Device)
Subindex	0xC1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.19 F190:C2 FB State****4**

Description	Value
Index	0xF190 (Device)
Subindex	0xC2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.199.19 F190:C3 FB State**

**5**

Description	Value
Index	0xF190 (Device)
Subindex	0xC3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.19 F190:C4 FB State**

**6**

Description	Value
Index	0xF190 (Device)
Subindex	0xC4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.19 F190:C5 FB State**

**7**

Description	Value
Index	0xF190 (Device)
Subindex	0xC5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.19 F190:C6 FB State****8**

Description	Value
Index	0xF190 (Device)
Subindex	0xC6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.19 F190:C7 FB State****9**

Description	Value
Index	0xF190 (Device)
Subindex	0xC7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.20 F190:C8 FB State****0**

Description	Value
Index	0xF190 (Device)
Subindex	0xC8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.20 F190:C9 FB State**

**1**

Description	Value
Index	0xF190 (Device)
Subindex	0xC9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.20 F190:CA FB State**

**2**

Description	Value
Index	0xF190 (Device)
Subindex	0xCA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.20 F190:CB FB State**

**3**

Description	Value
Index	0xF190 (Device)
Subindex	0xCB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.20 F190:CC FB State****4**

Description	Value
Index	0xF190 (Device)
Subindex	0xCC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.20 F190:CD FB State****5**

Description	Value
Index	0xF190 (Device)
Subindex	0xCD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.20 F190:CE FB State****6**

Description	Value
Index	0xF190 (Device)
Subindex	0xCE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.20 F190:CF FB State**

**7**

Description	Value
Index	0xF190 (Device)
Subindex	0xCF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.20 F190:D0 FB State**

**8**

Description	Value
Index	0xF190 (Device)
Subindex	0xD0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.20 F190:D1 FB State**

**9**

Description	Value
Index	0xF190 (Device)
Subindex	0xD1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.21 F190:D2 FB State****0**

Description	Value
Index	0xF190 (Device)
Subindex	0xD2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.21 F190:D3 FB State****1**

Description	Value
Index	0xF190 (Device)
Subindex	0xD3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.199.21 F190:D4 FB State****2**

Description	Value
Index	0xF190 (Device)
Subindex	0xD4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.200 F191:x Connection Diag

Description	Value
Index	0xF191 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	212 (0xD4)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.200.1 F191:01 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.200.2 F191:02 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.3 F191:03 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.4 F191:04 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.5 F191:05 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.200.6 F191:06 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.7 F191:07 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.8 F191:08 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.9 F191:09 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.10 F191:0A FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.11 F191:0B FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.12 F191:0C FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.13 F191:0D FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.14 F191:0E FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.15 F191:0F FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.16 F191:10 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.17 F191:11 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.18 F191:12 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.19 F191:13 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.20 F191:14 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.21 F191:15 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.22 F191:16 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.23 F191:17 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.200.24 F191:18 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.200.25 F191:19 FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.200.26 F191:1A FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.27 F191:1B FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.28 F191:1C FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.29 F191:1D FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.200.30 F191:1E FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.31 F191:1F FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.32 F191:20 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.33 F191:21 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.34 F191:22 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.35 F191:23 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.36 F191:24 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.37 F191:25 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.38 F191:26 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.39 F191:27 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.40 F191:28 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.41 F191:29 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.42 F191:2A FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.43 F191:2B FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.44 F191:2C FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.45 F191:2D FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.46 F191:2E FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.47 F191:2F FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.48 F191:30 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.49 F191:31 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.50 F191:32 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.51 F191:33 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.52 F191:34 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.53 F191:35 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.200.54 F191:36 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.55 F191:37 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.56 F191:38 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.57 F191:39 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.58 F191:3A FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.59 F191:3B FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.200.60 F191:3C FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.200.61 F191:3D FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.200.62 F191:3E FB State

Description	Value
Index	0xF191 (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.63 F191:3F FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.64 F191:40 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.65 F191:41 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.66 F191:42 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.67 F191:43 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.68 F191:44 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.69 F191:45 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.70 F191:46 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.71 F191:47 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.72 F191:48 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.73 F191:49 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.74 F191:4A FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.75 F191:4B FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.76 F191:4C FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.77 F191:4D FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.200.78 F191:4E FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.79 F191:4F FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.80 F191:50 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.81 F191:51 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.82 F191:52 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.83 F191:53 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.84 F191:54 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.85 F191:55 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.86 F191:56 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.87 F191:57 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.88 F191:58 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.89 F191:59 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.90 F191:5A FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.91 F191:5B FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.92 F191:5C FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.93 F191:5D FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.94 F191:5E FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.95 F191:5F FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.96 F191:60 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.97 F191:61 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.98 F191:62 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.99 F191:63 FB State**

Description	Value
Index	0xF191 (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.10 F191:64 FB State****0**

Description	Value
Index	0xF191 (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.10 F191:65 FB State****1**

Description	Value
Index	0xF191 (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.200.10 F191:66 FB State**

**2**

Description	Value
Index	0xF191 (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.10 F191:67 FB State**

**3**

Description	Value
Index	0xF191 (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.10 F191:68 FB State**

**4**

Description	Value
Index	0xF191 (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.10 F191:69 FB State****5**

Description	Value
Index	0xF191 (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.10 F191:6A FB State****6**

Description	Value
Index	0xF191 (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.10 F191:6B FB State****7**

Description	Value
Index	0xF191 (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.10 F191:6C FB State**

**8**

Description	Value
Index	0xF191 (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.10 F191:6D FB State**

**9**

Description	Value
Index	0xF191 (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.11 F191:6E FB State**

**0**

Description	Value
Index	0xF191 (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.11 F191:6F FB State****1**

Description	Value
Index	0xF191 (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.11 F191:70 FB State****2**

Description	Value
Index	0xF191 (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.11 F191:71 FB State****3**

Description	Value
Index	0xF191 (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.11 F191:72 FB State**

**4**

Description	Value
Index	0xF191 (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.11 F191:73 FB State**

**5**

Description	Value
Index	0xF191 (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.11 F191:74 FB State**

**6**

Description	Value
Index	0xF191 (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.11 F191:75 FB State****7**

Description	Value
Index	0xF191 (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.11 F191:76 FB State****8**

Description	Value
Index	0xF191 (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.11 F191:77 FB State****9**

Description	Value
Index	0xF191 (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.12 F191:78 FB State**

**0**

Description	Value
Index	0xF191 (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.12 F191:79 FB State**

**1**

Description	Value
Index	0xF191 (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.12 F191:7A FB State**

**2**

Description	Value
Index	0xF191 (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.12 F191:7B FB State****3**

Description	Value
Index	0xF191 (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.12 F191:7C FB State****4**

Description	Value
Index	0xF191 (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.12 F191:7D FB State****5**

Description	Value
Index	0xF191 (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.200.12 F191:7E FB State**

**6**

Description	Value
Index	0xF191 (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.12 F191:7F FB State**

**7**

Description	Value
Index	0xF191 (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.12 F191:80 FB State**

**8**

Description	Value
Index	0xF191 (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.12 F191:81 FB State****9**

Description	Value
Index	0xF191 (Device)
Subindex	0x81
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.13 F191:82 FB State****0**

Description	Value
Index	0xF191 (Device)
Subindex	0x82
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.13 F191:83 FB State****1**

Description	Value
Index	0xF191 (Device)
Subindex	0x83
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.13 F191:84 FB State**

**2**

Description	Value
Index	0xF191 (Device)
Subindex	0x84
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.13 F191:85 FB State**

**3**

Description	Value
Index	0xF191 (Device)
Subindex	0x85
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.13 F191:86 FB State**

**4**

Description	Value
Index	0xF191 (Device)
Subindex	0x86
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.13 F191:87 FB State****5**

Description	Value
Index	0xF191 (Device)
Subindex	0x87
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.13 F191:88 FB State****6**

Description	Value
Index	0xF191 (Device)
Subindex	0x88
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.13 F191:89 FB State****7**

Description	Value
Index	0xF191 (Device)
Subindex	0x89
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.13 F191:8A FB State**

**8**

Description	Value
Index	0xF191 (Device)
Subindex	0x8A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.13 F191:8B FB State**

**9**

Description	Value
Index	0xF191 (Device)
Subindex	0x8B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.14 F191:8C FB State**

**0**

Description	Value
Index	0xF191 (Device)
Subindex	0x8C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.14 F191:8D FB State****1**

Description	Value
Index	0xF191 (Device)
Subindex	0x8D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.14 F191:8E FB State****2**

Description	Value
Index	0xF191 (Device)
Subindex	0x8E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.14 F191:8F FB State****3**

Description	Value
Index	0xF191 (Device)
Subindex	0x8F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.14 F191:90 FB State**

**4**

Description	Value
Index	0xF191 (Device)
Subindex	0x90
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.14 F191:91 FB State**

**5**

Description	Value
Index	0xF191 (Device)
Subindex	0x91
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.14 F191:92 FB State**

**6**

Description	Value
Index	0xF191 (Device)
Subindex	0x92
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.14 F191:93 FB State****7**

Description	Value
Index	0xF191 (Device)
Subindex	0x93
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.14 F191:94 FB State****8**

Description	Value
Index	0xF191 (Device)
Subindex	0x94
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.14 F191:95 FB State****9**

Description	Value
Index	0xF191 (Device)
Subindex	0x95
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.200.15 F191:96 FB State**

**0**

Description	Value
Index	0xF191 (Device)
Subindex	0x96
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.15 F191:97 FB State**

**1**

Description	Value
Index	0xF191 (Device)
Subindex	0x97
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.15 F191:98 FB State**

**2**

Description	Value
Index	0xF191 (Device)
Subindex	0x98
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.15 F191:99 FB State****3**

Description	Value
Index	0xF191 (Device)
Subindex	0x99
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.15 F191:9A FB State****4**

Description	Value
Index	0xF191 (Device)
Subindex	0x9A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.15 F191:9B FB State****5**

Description	Value
Index	0xF191 (Device)
Subindex	0x9B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.15 F191:9C FB State**

**6**

Description	Value
Index	0xF191 (Device)
Subindex	0x9C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.15 F191:9D FB State**

**7**

Description	Value
Index	0xF191 (Device)
Subindex	0x9D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.15 F191:9E FB State**

**8**

Description	Value
Index	0xF191 (Device)
Subindex	0x9E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.15 F191:9F FB State****9**

Description	Value
Index	0xF191 (Device)
Subindex	0x9F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.16 F191:A0 FB State****0**

Description	Value
Index	0xF191 (Device)
Subindex	0xA0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.16 F191:A1 FB State****1**

Description	Value
Index	0xF191 (Device)
Subindex	0xA1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.16 F191:A2 FB State**

**2**

Description	Value
Index	0xF191 (Device)
Subindex	0xA2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.16 F191:A3 FB State**

**3**

Description	Value
Index	0xF191 (Device)
Subindex	0xA3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.16 F191:A4 FB State**

**4**

Description	Value
Index	0xF191 (Device)
Subindex	0xA4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.16 F191:A5 FB State****5**

Description	Value
Index	0xF191 (Device)
Subindex	0xA5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.16 F191:A6 FB State****6**

Description	Value
Index	0xF191 (Device)
Subindex	0xA6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.16 F191:A7 FB State****7**

Description	Value
Index	0xF191 (Device)
Subindex	0xA7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.16 F191:A8 FB State**

**8**

Description	Value
Index	0xF191 (Device)
Subindex	0xA8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.16 F191:A9 FB State**

**9**

Description	Value
Index	0xF191 (Device)
Subindex	0xA9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.17 F191:AA FB State**

**0**

Description	Value
Index	0xF191 (Device)
Subindex	0xAA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.17 F191:AB FB State****1**

Description	Value
Index	0xF191 (Device)
Subindex	0xAB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.17 F191:AC FB State****2**

Description	Value
Index	0xF191 (Device)
Subindex	0xAC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.17 F191:AD FB State****3**

Description	Value
Index	0xF191 (Device)
Subindex	0xAD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.200.17 F191:AE FB State**

**4**

Description	Value
Index	0xF191 (Device)
Subindex	0xAE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.17 F191:AF FB State**

**5**

Description	Value
Index	0xF191 (Device)
Subindex	0xAF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.17 F191:B0 FB State**

**6**

Description	Value
Index	0xF191 (Device)
Subindex	0xB0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.17 F191:B1 FB State****7**

Description	Value
Index	0xF191 (Device)
Subindex	0xB1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.17 F191:B2 FB State****8**

Description	Value
Index	0xF191 (Device)
Subindex	0xB2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.17 F191:B3 FB State****9**

Description	Value
Index	0xF191 (Device)
Subindex	0xB3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.18 F191:B4 FB State**

**0**

Description	Value
Index	0xF191 (Device)
Subindex	0xB4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.18 F191:B5 FB State**

**1**

Description	Value
Index	0xF191 (Device)
Subindex	0xB5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.18 F191:B6 FB State**

**2**

Description	Value
Index	0xF191 (Device)
Subindex	0xB6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.18 F191:B7 FB State****3**

Description	Value
Index	0xF191 (Device)
Subindex	0xB7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.18 F191:B8 FB State****4**

Description	Value
Index	0xF191 (Device)
Subindex	0xB8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.18 F191:B9 FB State****5**

Description	Value
Index	0xF191 (Device)
Subindex	0xB9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.18 F191:BA FB State**

**6**

Description	Value
Index	0xF191 (Device)
Subindex	0xBA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.18 F191:BB FB State**

**7**

Description	Value
Index	0xF191 (Device)
Subindex	0xBB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.18 F191:BC FB State**

**8**

Description	Value
Index	0xF191 (Device)
Subindex	0xBC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.18 F191:BD FB State****9**

Description	Value
Index	0xF191 (Device)
Subindex	0xBD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.19 F191:BE FB State****0**

Description	Value
Index	0xF191 (Device)
Subindex	0xBE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.19 F191:BF FB State****1**

Description	Value
Index	0xF191 (Device)
Subindex	0xBF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.19 F191:C0 FB State**

**2**

Description	Value
Index	0xF191 (Device)
Subindex	0xC0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.19 F191:C1 FB State**

**3**

Description	Value
Index	0xF191 (Device)
Subindex	0xC1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.19 F191:C2 FB State**

**4**

Description	Value
Index	0xF191 (Device)
Subindex	0xC2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.19 F191:C3 FB State****5**

Description	Value
Index	0xF191 (Device)
Subindex	0xC3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.19 F191:C4 FB State****6**

Description	Value
Index	0xF191 (Device)
Subindex	0xC4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.19 F191:C5 FB State****7**

Description	Value
Index	0xF191 (Device)
Subindex	0xC5
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.200.19 F191:C6 FB State**

**8**

Description	Value
Index	0xF191 (Device)
Subindex	0xC6
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.19 F191:C7 FB State**

**9**

Description	Value
Index	0xF191 (Device)
Subindex	0xC7
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.20 F191:C8 FB State**

**0**

Description	Value
Index	0xF191 (Device)
Subindex	0xC8
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.20 F191:C9 FB State****1**

Description	Value
Index	0xF191 (Device)
Subindex	0xC9
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.20 F191:CA FB State****2**

Description	Value
Index	0xF191 (Device)
Subindex	0xCA
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.20 F191:CB FB State****3**

Description	Value
Index	0xF191 (Device)
Subindex	0xCB
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.20 F191:CC FB State**

**4**

Description	Value
Index	0xF191 (Device)
Subindex	0xCC
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.20 F191:CD FB State**

**5**

Description	Value
Index	0xF191 (Device)
Subindex	0xCD
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.20 F191:CE FB State**

**6**

Description	Value
Index	0xF191 (Device)
Subindex	0xCE
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.20 F191:CF FB State****7**

Description	Value
Index	0xF191 (Device)
Subindex	0xCF
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.20 F191:D0 FB State****8**

Description	Value
Index	0xF191 (Device)
Subindex	0xD0
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.20 F191:D1 FB State****9**

Description	Value
Index	0xF191 (Device)
Subindex	0xD1
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.21 F191:D2 FB State**

**0**

Description	Value
Index	0xF191 (Device)
Subindex	0xD2
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.21 F191:D3 FB State**

**1**

Description	Value
Index	0xF191 (Device)
Subindex	0xD3
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.200.21 F191:D4 FB State**

**2**

Description	Value
Index	0xF191 (Device)
Subindex	0xD4
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.201 F192:x Group State

Description	Value
Index	0xF192 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	128 (0x80)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.201.1 F192:01 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.201.2 F192:02 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.3 F192:03 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.4 F192:04 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.5 F192:05 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.6 F192:06 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.7 F192:07 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.8 F192:08 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.201.9 F192:09 FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.201.10 F192:0A FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.201.11 F192:0B FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.12 F192:0C FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.13 F192:0D FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.14 F192:0E FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.15 F192:0F FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.16 F192:10 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.17 F192:11 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.18 F192:12 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.19 F192:13 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.20 F192:14 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.21 F192:15 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.22 F192:16 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.23 F192:17 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.24 F192:18 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.25 F192:19 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.26 F192:1A FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.201.27 F192:1B FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.201.28 F192:1C FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.201.29 F192:1D FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.30 F192:1E FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.31 F192:1F FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.32 F192:20 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.201.33 F192:21 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.34 F192:22 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.35 F192:23 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.36 F192:24 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.37 F192:25 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.38 F192:26 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.39 F192:27 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.40 F192:28 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.41 F192:29 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.42 F192:2A FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.43 F192:2B FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.44 F192:2C FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.201.45 F192:2D FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.201.46 F192:2E FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.201.47 F192:2F FB State

Description	Value
Index	0xF192 (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.48 F192:30 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.49 F192:31 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.50 F192:32 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.51 F192:33 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.52 F192:34 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.53 F192:35 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.54 F192:36 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.55 F192:37 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.56 F192:38 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.201.57 F192:39 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.58 F192:3A FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.59 F192:3B FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.60 F192:3C FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.61 F192:3D FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.62 F192:3E FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.63 F192:3F FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.64 F192:40 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.65 F192:41 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.66 F192:42 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.67 F192:43 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.68 F192:44 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.69 F192:45 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.70 F192:46 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.71 F192:47 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.72 F192:48 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.73 F192:49 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.74 F192:4A FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.75 F192:4B FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.76 F192:4C FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.77 F192:4D FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.78 F192:4E FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.79 F192:4F FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.80 F192:50 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.201.81 F192:51 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.82 F192:52 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.83 F192:53 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.84 F192:54 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.85 F192:55 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.86 F192:56 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.87 F192:57 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.88 F192:58 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.89 F192:59 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.90 F192:5A FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.91 F192:5B FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.92 F192:5C FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.93 F192:5D FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.94 F192:5E FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.95 F192:5F FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.96 F192:60 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.97 F192:61 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.98 F192:62 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.99 F192:63 FB State**

Description	Value
Index	0xF192 (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.10 F192:64 FB State**

**0**

Description	Value
Index	0xF192 (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.10 F192:65 FB State**

**1**

Description	Value
Index	0xF192 (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.10 F192:66 FB State****2**

Description	Value
Index	0xF192 (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.10 F192:67 FB State****3**

Description	Value
Index	0xF192 (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.10 F192:68 FB State****4**

Description	Value
Index	0xF192 (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.201.10 F192:69 FB State**

**5**

Description	Value
Index	0xF192 (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.10 F192:6A FB State**

**6**

Description	Value
Index	0xF192 (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.10 F192:6B FB State**

**7**

Description	Value
Index	0xF192 (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.10 F192:6C FB State****8**

Description	Value
Index	0xF192 (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.10 F192:6D FB State****9**

Description	Value
Index	0xF192 (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.11 F192:6E FB State****0**

Description	Value
Index	0xF192 (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.11 F192:6F FB State**

**1**

Description	Value
Index	0xF192 (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.11 F192:70 FB State**

**2**

Description	Value
Index	0xF192 (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.11 F192:71 FB State**

**3**

Description	Value
Index	0xF192 (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.11 F192:72 FB State****4**

Description	Value
Index	0xF192 (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.11 F192:73 FB State****5**

Description	Value
Index	0xF192 (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.11 F192:74 FB State****6**

Description	Value
Index	0xF192 (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.11 F192:75 FB State**

**7**

Description	Value
Index	0xF192 (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.11 F192:76 FB State**

**8**

Description	Value
Index	0xF192 (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.11 F192:77 FB State**

**9**

Description	Value
Index	0xF192 (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.12 F192:78 FB State****0**

Description	Value
Index	0xF192 (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.12 F192:79 FB State****1**

Description	Value
Index	0xF192 (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.12 F192:7A FB State****2**

Description	Value
Index	0xF192 (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.12 F192:7B FB State**

**3**

Description	Value
Index	0xF192 (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.12 F192:7C FB State**

**4**

Description	Value
Index	0xF192 (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.12 F192:7D FB State**

**5**

Description	Value
Index	0xF192 (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.12 F192:7E FB State****6**

Description	Value
Index	0xF192 (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.12 F192:7F FB State****7**

Description	Value
Index	0xF192 (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.201.12 F192:80 FB State****8**

Description	Value
Index	0xF192 (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.202 F193:x Group Diag

Description	Value
Index	0xF193 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	128 (0x80)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.202.1 F193:01 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.202.2 F193:02 FB State

Description	Value
Index	0xF193 (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.3 F193:03 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.4 F193:04 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.5 F193:05 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.6 F193:06 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.7 F193:07 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.8 F193:08 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.9 F193:09 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.10 F193:0A FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.11 F193:0B FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.12 F193:0C FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.13 F193:0D FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.14 F193:0E FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.15 F193:0F FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.16 F193:10 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.17 F193:11 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.18 F193:12 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.19 F193:13 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.20 F193:14 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.21 F193:15 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.22 F193:16 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.23 F193:17 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.202.24 F193:18 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.25 F193:19 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.26 F193:1A FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.27 F193:1B FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.28 F193:1C FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.29 F193:1D FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.30 F193:1E FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.31 F193:1F FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.32 F193:20 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.33 F193:21 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.34 F193:22 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.35 F193:23 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.36 F193:24 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.37 F193:25 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.38 F193:26 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.39 F193:27 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.40 F193:28 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.41 F193:29 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.42 F193:2A FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.43 F193:2B FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.44 F193:2C FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.45 F193:2D FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.46 F193:2E FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.47 F193:2F FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.202.48 F193:30 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.49 F193:31 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.50 F193:32 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.51 F193:33 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.52 F193:34 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.53 F193:35 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.54 F193:36 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.55 F193:37 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.56 F193:38 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.57 F193:39 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.58 F193:3A FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.59 F193:3B FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.60 F193:3C FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.61 F193:3D FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.62 F193:3E FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.63 F193:3F FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x3F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.64 F193:40 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.65 F193:41 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x41
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.66 F193:42 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x42
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.67 F193:43 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.68 F193:44 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x44
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.69 F193:45 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x45
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.70 F193:46 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.71 F193:47 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x47
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.202.72 F193:48 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x48
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.73 F193:49 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.74 F193:4A FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x4A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.75 F193:4B FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x4B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.76 F193:4C FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.77 F193:4D FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x4D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.78 F193:4E FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x4E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.79 F193:4F FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.80 F193:50 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x50
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.81 F193:51 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x51
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.82 F193:52 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.83 F193:53 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x53
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.84 F193:54 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x54
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.85 F193:55 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.86 F193:56 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x56
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.87 F193:57 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x57
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.88 F193:58 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.89 F193:59 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x59
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.90 F193:5A FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x5A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.91 F193:5B FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.92 F193:5C FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x5C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.93 F193:5D FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x5D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.94 F193:5E FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.95 F193:5F FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x5F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.202.96 F193:60 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x60
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.97 F193:61 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x61
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.98 F193:62 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x62
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.99 F193:63 FB State**

Description	Value
Index	0xF193 (Device)
Subindex	0x63
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.10 F193:64 FB State****0**

Description	Value
Index	0xF193 (Device)
Subindex	0x64
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.10 F193:65 FB State****1**

Description	Value
Index	0xF193 (Device)
Subindex	0x65
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.10 F193:66 FB State**

**2**

Description	Value
Index	0xF193 (Device)
Subindex	0x66
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.10 F193:67 FB State**

**3**

Description	Value
Index	0xF193 (Device)
Subindex	0x67
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.10 F193:68 FB State**

**4**

Description	Value
Index	0xF193 (Device)
Subindex	0x68
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.10 F193:69 FB State****5**

Description	Value
Index	0xF193 (Device)
Subindex	0x69
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.10 F193:6A FB State****6**

Description	Value
Index	0xF193 (Device)
Subindex	0x6A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.10 F193:6B FB State****7**

Description	Value
Index	0xF193 (Device)
Subindex	0x6B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.10 F193:6C FB State**

**8**

Description	Value
Index	0xF193 (Device)
Subindex	0x6C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.10 F193:6D FB State**

**9**

Description	Value
Index	0xF193 (Device)
Subindex	0x6D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.11 F193:6E FB State**

**0**

Description	Value
Index	0xF193 (Device)
Subindex	0x6E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.11 F193:6F FB State****1**

Description	Value
Index	0xF193 (Device)
Subindex	0x6F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.11 F193:70 FB State****2**

Description	Value
Index	0xF193 (Device)
Subindex	0x70
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.11 F193:71 FB State****3**

Description	Value
Index	0xF193 (Device)
Subindex	0x71
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.11 F193:72 FB State**

**4**

Description	Value
Index	0xF193 (Device)
Subindex	0x72
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.11 F193:73 FB State**

**5**

Description	Value
Index	0xF193 (Device)
Subindex	0x73
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.11 F193:74 FB State**

**6**

Description	Value
Index	0xF193 (Device)
Subindex	0x74
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.11 F193:75 FB State****7**

Description	Value
Index	0xF193 (Device)
Subindex	0x75
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.11 F193:76 FB State****8**

Description	Value
Index	0xF193 (Device)
Subindex	0x76
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.11 F193:77 FB State****9**

Description	Value
Index	0xF193 (Device)
Subindex	0x77
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.202.12 F193:78 FB State**

**0**

Description	Value
Index	0xF193 (Device)
Subindex	0x78
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.12 F193:79 FB State**

**1**

Description	Value
Index	0xF193 (Device)
Subindex	0x79
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.12 F193:7A FB State**

**2**

Description	Value
Index	0xF193 (Device)
Subindex	0x7A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.12 F193:7B FB State****3**

Description	Value
Index	0xF193 (Device)
Subindex	0x7B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.12 F193:7C FB State****4**

Description	Value
Index	0xF193 (Device)
Subindex	0x7C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.12 F193:7D FB State****5**

Description	Value
Index	0xF193 (Device)
Subindex	0x7D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.12 F193:7E FB State**

**6**

Description	Value
Index	0xF193 (Device)
Subindex	0x7E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.12 F193:7F FB State**

**7**

Description	Value
Index	0xF193 (Device)
Subindex	0x7F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.202.12 F193:80 FB State**

**8**

Description	Value
Index	0xF193 (Device)
Subindex	0x80
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203 F601:x FSOE Safe BOOL Inputs

Description	Value
Index	0xF601 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	224 (0xE0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.203.1 F601:01 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.203.2 F601:02 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.3 F601:03 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.4 F601:04 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.5 F601:05 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.6 F601:06 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.7 F601:07 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.8 F601:08 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.9 F601:09 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.10 F601:0A Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.11 F601:0B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.12 F601:0C Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.13 F601:0D Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.14 F601:0E Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.203.15 F601:0F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.16 F601:10 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.17 F601:11 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x11
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.18 F601:12 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x12
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.19 F601:13 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x13
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.20 F601:14 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x14
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.21 F601:15 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x15
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.22 F601:16 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x16
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.23 F601:17 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.24 F601:18 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x18
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.25 F601:19 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x19
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.26 F601:1A Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x1A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.27 F601:1B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x1B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.28 F601:1C Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x1C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.29 F601:1D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x1D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.30 F601:1E Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x1E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.31 F601:1F Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x1F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.32 F601:20 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x20
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.33 F601:21 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x21
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.34 F601:22 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x22
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.35 F601:23 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x23
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.36 F601:24 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x24
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.37 F601:25 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x25
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.38 F601:26 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x26
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.203.39 F601:27 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x27
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.40 F601:28 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x28
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.41 F601:29 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x29
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.42 F601:2A Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x2A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.43 F601:2B Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x2B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.44 F601:2C Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x2C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.45 F601:2D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x2D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.46 F601:2E Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x2E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.47 F601:2F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x2F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.48 F601:30 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x30
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.49 F601:31 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x31
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.50 F601:32 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x32
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.51 F601:33 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x33
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.52 F601:34 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x34
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.53 F601:35 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x35
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.54 F601:36 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x36
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.55 F601:37 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x37
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.56 F601:38 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x38
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.57 F601:39 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x39
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.58 F601:3A Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x3A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.59 F601:3B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x3B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.60 F601:3C Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x3C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.61 F601:3D Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x3D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.62 F601:3E Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x3E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.203.63 F601:3F Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x3F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.64 F601:40 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x40
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.65 F601:41 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x41
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.66 F601:42 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x42
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.67 F601:43 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x43
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.68 F601:44 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x44
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.69 F601:45 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x45
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.70 F601:46 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x46
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.71 F601:47 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x47
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.72 F601:48 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x48
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.73 F601:49 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x49
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.74 F601:4A Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x4A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.75 F601:4B Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x4B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.76 F601:4C Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x4C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.77 F601:4D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x4D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.78 F601:4E Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x4E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.79 F601:4F Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x4F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.80 F601:50 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x50
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.81 F601:51 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x51
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.82 F601:52 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x52
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.83 F601:53 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x53
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.84 F601:54 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x54
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.85 F601:55 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x55
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.86 F601:56 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x56
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.203.87 F601:57 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x57
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.88 F601:58 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x58
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.89 F601:59 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x59
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.90 F601:5A Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x5A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.91 F601:5B Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x5B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.92 F601:5C Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x5C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.93 F601:5D Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x5D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.94 F601:5E Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x5E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.95 F601:5F Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x5F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.96 F601:60 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x60
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.97 F601:61 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x61
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.98 F601:62 Safe Input**

Description	Value
Index	0xF601 (Device)
Subindex	0x62
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.99 F601:63 Safe Input

Description	Value
Index	0xF601 (Device)
Subindex	0x63
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.10 F601:64 Safe Input

**0**

Description	Value
Index	0xF601 (Device)
Subindex	0x64
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.10 F601:65 Safe Input

**1**

Description	Value
Index	0xF601 (Device)
Subindex	0x65
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.10 F601:66 Safe Input****2**

Description	Value
Index	0xF601 (Device)
Subindex	0x66
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.10 F601:67 Safe Input****3**

Description	Value
Index	0xF601 (Device)
Subindex	0x67
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.10 F601:68 Safe Input****4**

Description	Value
Index	0xF601 (Device)
Subindex	0x68
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.10 F601:69 Safe Input**

**5**

Description	Value
Index	0xF601 (Device)
Subindex	0x69
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.10 F601:6A Safe Input**

**6**

Description	Value
Index	0xF601 (Device)
Subindex	0x6A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.10 F601:6B Safe Input**

**7**

Description	Value
Index	0xF601 (Device)
Subindex	0x6B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.10 F601:6C Safe Input****8**

Description	Value
Index	0xF601 (Device)
Subindex	0x6C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.10 F601:6D Safe Input****9**

Description	Value
Index	0xF601 (Device)
Subindex	0x6D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.11 F601:6E Safe Input****0**

Description	Value
Index	0xF601 (Device)
Subindex	0x6E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.203.11 F601:6F Safe Input

**1**

Description	Value
Index	0xF601 (Device)
Subindex	0x6F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.11 F601:70 Safe Input

**2**

Description	Value
Index	0xF601 (Device)
Subindex	0x70
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.11 F601:71 Safe Input

**3**

Description	Value
Index	0xF601 (Device)
Subindex	0x71
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.11 F601:72 Safe Input****4**

Description	Value
Index	0xF601 (Device)
Subindex	0x72
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.11 F601:73 Safe Input****5**

Description	Value
Index	0xF601 (Device)
Subindex	0x73
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.11 F601:74 Safe Input****6**

Description	Value
Index	0xF601 (Device)
Subindex	0x74
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.11 F601:75 Safe Input

**7**

Description	Value
Index	0xF601 (Device)
Subindex	0x75
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.11 F601:76 Safe Input

**8**

Description	Value
Index	0xF601 (Device)
Subindex	0x76
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.11 F601:77 Safe Input

**9**

Description	Value
Index	0xF601 (Device)
Subindex	0x77
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.12 F601:78 Safe Input****0**

Description	Value
Index	0xF601 (Device)
Subindex	0x78
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.12 F601:79 Safe Input****1**

Description	Value
Index	0xF601 (Device)
Subindex	0x79
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.12 F601:7A Safe Input****2**

Description	Value
Index	0xF601 (Device)
Subindex	0x7A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.12 F601:7B Safe Input

**3**

Description	Value
Index	0xF601 (Device)
Subindex	0x7B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.12 F601:7C Safe Input

**4**

Description	Value
Index	0xF601 (Device)
Subindex	0x7C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.12 F601:7D Safe Input

**5**

Description	Value
Index	0xF601 (Device)
Subindex	0x7D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.12 F601:7E Safe Input****6**

Description	Value
Index	0xF601 (Device)
Subindex	0x7E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.12 F601:7F Safe Input****7**

Description	Value
Index	0xF601 (Device)
Subindex	0x7F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.12 F601:80 Safe Input****8**

Description	Value
Index	0xF601 (Device)
Subindex	0x80
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.12 F601:81 Safe Input**

**9**

Description	Value
Index	0xF601 (Device)
Subindex	0x81
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.13 F601:82 Safe Input**

**0**

Description	Value
Index	0xF601 (Device)
Subindex	0x82
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.13 F601:83 Safe Input**

**1**

Description	Value
Index	0xF601 (Device)
Subindex	0x83
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.13 F601:84 Safe Input****2**

Description	Value
Index	0xF601 (Device)
Subindex	0x84
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.13 F601:85 Safe Input****3**

Description	Value
Index	0xF601 (Device)
Subindex	0x85
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.13 F601:86 Safe Input****4**

Description	Value
Index	0xF601 (Device)
Subindex	0x86
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.203.13 F601:87 Safe Input**

**5**

Description	Value
Index	0xF601 (Device)
Subindex	0x87
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.13 F601:88 Safe Input**

**6**

Description	Value
Index	0xF601 (Device)
Subindex	0x88
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.13 F601:89 Safe Input**

**7**

Description	Value
Index	0xF601 (Device)
Subindex	0x89
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.13 F601:8A Safe Input****8**

Description	Value
Index	0xF601 (Device)
Subindex	0x8A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.13 F601:8B Safe Input****9**

Description	Value
Index	0xF601 (Device)
Subindex	0x8B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.14 F601:8C Safe Input****0**

Description	Value
Index	0xF601 (Device)
Subindex	0x8C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.14 F601:8D Safe Input**

**1**

Description	Value
Index	0xF601 (Device)
Subindex	0x8D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.14 F601:8E Safe Input**

**2**

Description	Value
Index	0xF601 (Device)
Subindex	0x8E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.14 F601:8F Safe Input**

**3**

Description	Value
Index	0xF601 (Device)
Subindex	0x8F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.14 F601:90 Safe Input****4**

Description	Value
Index	0xF601 (Device)
Subindex	0x90
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.14 F601:91 Safe Input****5**

Description	Value
Index	0xF601 (Device)
Subindex	0x91
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.14 F601:92 Safe Input****6**

Description	Value
Index	0xF601 (Device)
Subindex	0x92
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.14 F601:93 Safe Input**

**7**

Description	Value
Index	0xF601 (Device)
Subindex	0x93
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.14 F601:94 Safe Input**

**8**

Description	Value
Index	0xF601 (Device)
Subindex	0x94
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.14 F601:95 Safe Input**

**9**

Description	Value
Index	0xF601 (Device)
Subindex	0x95
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.15 F601:96 Safe Input****0**

Description	Value
Index	0xF601 (Device)
Subindex	0x96
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.15 F601:97 Safe Input****1**

Description	Value
Index	0xF601 (Device)
Subindex	0x97
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.15 F601:98 Safe Input****2**

Description	Value
Index	0xF601 (Device)
Subindex	0x98
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.15 F601:99 Safe Input**

**3**

Description	Value
Index	0xF601 (Device)
Subindex	0x99
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.15 F601:9A Safe Input**

**4**

Description	Value
Index	0xF601 (Device)
Subindex	0x9A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.15 F601:9B Safe Input**

**5**

Description	Value
Index	0xF601 (Device)
Subindex	0x9B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.15 F601:9C Safe Input****6**

Description	Value
Index	0xF601 (Device)
Subindex	0x9C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.15 F601:9D Safe Input****7**

Description	Value
Index	0xF601 (Device)
Subindex	0x9D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.15 F601:9E Safe Input****8**

Description	Value
Index	0xF601 (Device)
Subindex	0x9E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.203.15 F601:9F Safe Input**

**9**

Description	Value
Index	0xF601 (Device)
Subindex	0x9F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.16 F601:A0 Safe Input**

**0**

Description	Value
Index	0xF601 (Device)
Subindex	0xA0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.16 F601:A1 Safe Input**

**1**

Description	Value
Index	0xF601 (Device)
Subindex	0xA1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.16 F601:A2 Safe Input****2**

Description	Value
Index	0xF601 (Device)
Subindex	0xA2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.16 F601:A3 Safe Input****3**

Description	Value
Index	0xF601 (Device)
Subindex	0xA3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.16 F601:A4 Safe Input****4**

Description	Value
Index	0xF601 (Device)
Subindex	0xA4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.16 F601:A5 Safe Input**  
**5**

Description	Value
Index	0xF601 (Device)
Subindex	0xA5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.16 F601:A6 Safe Input**  
**6**

Description	Value
Index	0xF601 (Device)
Subindex	0xA6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.16 F601:A7 Safe Input**  
**7**

Description	Value
Index	0xF601 (Device)
Subindex	0xA7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.16 F601:A8 Safe Input****8**

Description	Value
Index	0xF601 (Device)
Subindex	0xA8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.16 F601:A9 Safe Input****9**

Description	Value
Index	0xF601 (Device)
Subindex	0xA9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.17 F601:AA Safe Input****0**

Description	Value
Index	0xF601 (Device)
Subindex	0xAA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.17 F601:AB Safe Input

1

Description	Value
Index	0xF601 (Device)
Subindex	0xAB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.17 F601:AC Safe Input

2

Description	Value
Index	0xF601 (Device)
Subindex	0xAC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.203.17 F601:AD Safe Input

3

Description	Value
Index	0xF601 (Device)
Subindex	0xAD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.17 F601:AE Safe Input****4**

Description	Value
Index	0xF601 (Device)
Subindex	0xAE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.17 F601:AF Safe Input****5**

Description	Value
Index	0xF601 (Device)
Subindex	0xAF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.17 F601:B0 Safe Input****6**

Description	Value
Index	0xF601 (Device)
Subindex	0xB0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.17 F601:B1 Safe Input**

**7**

Description	Value
Index	0xF601 (Device)
Subindex	0xB1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.17 F601:B2 Safe Input**

**8**

Description	Value
Index	0xF601 (Device)
Subindex	0xB2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.17 F601:B3 Safe Input**

**9**

Description	Value
Index	0xF601 (Device)
Subindex	0xB3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.18 F601:B4 Safe Input****0**

Description	Value
Index	0xF601 (Device)
Subindex	0xB4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.18 F601:B5 Safe Input****1**

Description	Value
Index	0xF601 (Device)
Subindex	0xB5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.18 F601:B6 Safe Input****2**

Description	Value
Index	0xF601 (Device)
Subindex	0xB6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.203.18 F601:B7 Safe Input**

**3**

Description	Value
Index	0xF601 (Device)
Subindex	0xB7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.18 F601:B8 Safe Input**

**4**

Description	Value
Index	0xF601 (Device)
Subindex	0xB8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.18 F601:B9 Safe Input**

**5**

Description	Value
Index	0xF601 (Device)
Subindex	0xB9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.18 F601:BA Safe Input****6**

Description	Value
Index	0xF601 (Device)
Subindex	0xBA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.18 F601:BB Safe Input****7**

Description	Value
Index	0xF601 (Device)
Subindex	0xBB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.18 F601:BC Safe Input****8**

Description	Value
Index	0xF601 (Device)
Subindex	0xBC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.18 F601:BD Safe Input**

**9**

Description	Value
Index	0xF601 (Device)
Subindex	0xBD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.19 F601:BE Safe Input**

**0**

Description	Value
Index	0xF601 (Device)
Subindex	0xBE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.19 F601:BF Safe Input**

**1**

Description	Value
Index	0xF601 (Device)
Subindex	0xBF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.19 F601:C0 Safe Input****2**

Description	Value
Index	0xF601 (Device)
Subindex	0xC0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.19 F601:C1 Safe Input****3**

Description	Value
Index	0xF601 (Device)
Subindex	0xC1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.19 F601:C2 Safe Input****4**

Description	Value
Index	0xF601 (Device)
Subindex	0xC2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.19 F601:C3 Safe Input**

**5**

Description	Value
Index	0xF601 (Device)
Subindex	0xC3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.19 F601:C4 Safe Input**

**6**

Description	Value
Index	0xF601 (Device)
Subindex	0xC4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.19 F601:C5 Safe Input**

**7**

Description	Value
Index	0xF601 (Device)
Subindex	0xC5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.19 F601:C6 Safe Input****8**

Description	Value
Index	0xF601 (Device)
Subindex	0xC6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.19 F601:C7 Safe Input****9**

Description	Value
Index	0xF601 (Device)
Subindex	0xC7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.20 F601:C8 Safe Input****0**

Description	Value
Index	0xF601 (Device)
Subindex	0xC8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.20 F601:C9 Safe Input**

**1**

Description	Value
Index	0xF601 (Device)
Subindex	0xC9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.20 F601:CA Safe Input**

**2**

Description	Value
Index	0xF601 (Device)
Subindex	0xCA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.20 F601:CB Safe Input**

**3**

Description	Value
Index	0xF601 (Device)
Subindex	0xCB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.20 F601:CC Safe Input****4**

Description	Value
Index	0xF601 (Device)
Subindex	0xCC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.20 F601:CD Safe Input****5**

Description	Value
Index	0xF601 (Device)
Subindex	0xCD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.20 F601:CE Safe Input****6**

Description	Value
Index	0xF601 (Device)
Subindex	0xCE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.203.20 F601:CF Safe Input**

**7**

Description	Value
Index	0xF601 (Device)
Subindex	0xCF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.20 F601:D0 Safe Input**

**8**

Description	Value
Index	0xF601 (Device)
Subindex	0xD0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.20 F601:D1 Safe Input**

**9**

Description	Value
Index	0xF601 (Device)
Subindex	0xD1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.21 F601:D2 Safe Input****0**

Description	Value
Index	0xF601 (Device)
Subindex	0xD2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.21 F601:D3 Safe Input****1**

Description	Value
Index	0xF601 (Device)
Subindex	0xD3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.21 F601:D4 Safe Input****2**

Description	Value
Index	0xF601 (Device)
Subindex	0xD4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.21 F601:D5 Safe Input**

**3**

Description	Value
Index	0xF601 (Device)
Subindex	0xD5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.21 F601:D6 Safe Input**

**4**

Description	Value
Index	0xF601 (Device)
Subindex	0xD6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.21 F601:D7 Safe Input**

**5**

Description	Value
Index	0xF601 (Device)
Subindex	0xD7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.21 F601:D8 Safe Input****6**

Description	Value
Index	0xF601 (Device)
Subindex	0xD8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.21 F601:D9 Safe Input****7**

Description	Value
Index	0xF601 (Device)
Subindex	0xD9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.21 F601:DA Safe Input****8**

Description	Value
Index	0xF601 (Device)
Subindex	0xDA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.21 F601:DB Safe Input**

**9**

Description	Value
Index	0xF601 (Device)
Subindex	0xDB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.22 F601:DC Safe Input**

**0**

Description	Value
Index	0xF601 (Device)
Subindex	0xDC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.22 F601:DD Safe Input**

**1**

Description	Value
Index	0xF601 (Device)
Subindex	0xDD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.22 F601:DE Safe Input****2**

Description	Value
Index	0xF601 (Device)
Subindex	0xDE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.22 F601:DF Safe Input****3**

Description	Value
Index	0xF601 (Device)
Subindex	0xDF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.203.22 F601:E0 Safe Input****4**

Description	Value
Index	0xF601 (Device)
Subindex	0xE0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204 F602:x FSOE Safe UINT16 Inputs

Description	Value
Index	0xF602 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.204.1 F602:01 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.204.2 F602:02 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.3 F602:03 Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.4 F602:04 Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.5 F602:05 Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.204.6 F602:06 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204.7 F602:07 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204.8 F602:08 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.9 F602:09 Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.10 F602:0A Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.11 F602:0B Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204.12 F602:0C Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204.13 F602:0D Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204.14 F602:0E Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.15 F602:0F Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.16 F602:10 Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.17 F602:11 Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204.18 F602:12 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204.19 F602:13 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204.20 F602:14 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.21 F602:15 Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.22 F602:16 Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.23 F602:17 Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204.24 F602:18 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204.25 F602:19 Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204.26 F602:1A Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.27 F602:1B Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.28 F602:1C Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.204.29 F602:1D Safe Input Word**

Description	Value
Index	0xF602 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.204.30 F602:1E Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.204.31 F602:1F Safe Input Word

Description	Value
Index	0xF602 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205 F603:x FSOE Safe INT16 Inputs

Description	Value
Index	0xF603 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.205.1 F603:01 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.205.2 F603:02 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.3 F603:03 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x03
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.4 F603:04 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x04
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.5 F603:05 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x05
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.6 F603:06 Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x06
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.7 F603:07 Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x07
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.8 F603:08 Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x08
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.9 F603:09 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x09
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.10 F603:0A Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x0A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.11 F603:0B Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x0B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.12 F603:0C Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x0C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.13 F603:0D Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x0D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.14 F603:0E Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x0E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.15 F603:0F Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x0F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.16 F603:10 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x10
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.17 F603:11 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.18 F603:12 Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x12
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.19 F603:13 Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x13
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.20 F603:14 Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x14
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.205.21 F603:15 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x15
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.22 F603:16 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x16
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.23 F603:17 Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x17
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.24 F603:18 Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x18
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.25 F603:19 Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x19
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.26 F603:1A Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x1A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.27 F603:1B Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x1B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.28 F603:1C Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x1C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.205.29 F603:1D Safe Input

Description	Value
Index	0xF603 (Device)
Subindex	0x1D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.30 F603:1E Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x1E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.205.31 F603:1F Safe Input**

Description	Value
Index	0xF603 (Device)
Subindex	0x1F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.206 F604:x FSOE Safe UINT32 Inputs

Description	Value
Index	0xF604 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.206.1 F604:01 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.206.2 F604:02 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.206.3 F604:03 Input 1**

Description	Value
Index	0xF604 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.206.4 F604:04 Input 1**

Description	Value
Index	0xF604 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.206.5 F604:05 Input 1**

Description	Value
Index	0xF604 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.206.6 F604:06 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.206.7 F604:07 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.206.8 F604:08 Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.206.9 F604:09 Input 1**

Description	Value
Index	0xF604 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.206.10 F604:0A Input 1**

Description	Value
Index	0xF604 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.206.11 F604:0B Input 1**

Description	Value
Index	0xF604 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.206.12 F604:0C Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.206.13 F604:0D Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.206.14 F604:0E Input 1

Description	Value
Index	0xF604 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.206.15 F604:0F Input 1**

Description	Value
Index	0xF604 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.207 F605:x FSOE Safe INT32 Inputs

Description	Value
Index	0xF605 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.207.1 F605:01 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.207.2 F605:02 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.207.3 F605:03 Safe Input**

Description	Value
Index	0xF605 (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.207.4 F605:04 Safe Input**

Description	Value
Index	0xF605 (Device)
Subindex	0x04
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.207.5 F605:05 Safe Input**

Description	Value
Index	0xF605 (Device)
Subindex	0x05
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.207.6 F605:06 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x06
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.207.7 F605:07 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x07
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.207.8 F605:08 Safe Input

Description	Value
Index	0xF605 (Device)
Subindex	0x08
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.207.9 F605:09 Safe Input**

Description	Value
Index	0xF605 (Device)
Subindex	0x09
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.207.10 F605:0A Safe Input**

Description	Value
Index	0xF605 (Device)
Subindex	0x0A
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.207.11 F605:0B Safe Input**

Description	Value
Index	0xF605 (Device)
Subindex	0x0B
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.207.12 F605:0C Safe Input**

Description	Value
Index	0xF605 (Device)
Subindex	0x0C
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.207.13 F605:0D Safe Input**

Description	Value
Index	0xF605 (Device)
Subindex	0x0D
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.207.14 F605:0E Safe Input**

Description	Value
Index	0xF605 (Device)
Subindex	0x0E
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.207.15 F605:0F Safe Input**

Description	Value
Index	0xF605 (Device)
Subindex	0x0F
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.208 F606:x FSOE Std BOOL Inputs

Description	Value
Index	0xF606 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	224 (0xE0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.208.1 F606:01 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.208.2 F606:02 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.3 F606:03 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.4 F606:04 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.5 F606:05 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.6 F606:06 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.7 F606:07 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.8 F606:08 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.9 F606:09 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.10 F606:0A Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.11 F606:0B Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.12 F606:0C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.13 F606:0D Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.14 F606:0E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.15 F606:0F Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.16 F606:10 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.17 F606:11 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x11
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.18 F606:12 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x12
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.19 F606:13 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x13
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.20 F606:14 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x14
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.21 F606:15 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x15
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.22 F606:16 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x16
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.23 F606:17 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.208.24 F606:18 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x18
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.25 F606:19 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x19
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.26 F606:1A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x1A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.27 F606:1B Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x1B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.28 F606:1C Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x1C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.29 F606:1D Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x1D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.30 F606:1E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x1E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.31 F606:1F Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x1F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.32 F606:20 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x20
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.33 F606:21 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x21
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.34 F606:22 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x22
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.35 F606:23 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x23
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.36 F606:24 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x24
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.37 F606:25 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x25
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.38 F606:26 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x26
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.39 F606:27 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x27
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.40 F606:28 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x28
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.41 F606:29 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x29
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.42 F606:2A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x2A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.43 F606:2B Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x2B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.44 F606:2C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x2C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.45 F606:2D Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x2D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.46 F606:2E Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x2E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.47 F606:2F Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x2F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.208.48 F606:30 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x30
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.49 F606:31 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x31
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.50 F606:32 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x32
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.51 F606:33 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x33
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.52 F606:34 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x34
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.53 F606:35 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x35
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.54 F606:36 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x36
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.55 F606:37 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x37
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.56 F606:38 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x38
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.57 F606:39 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x39
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.58 F606:3A Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x3A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.59 F606:3B Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x3B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.60 F606:3C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x3C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.61 F606:3D Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x3D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.62 F606:3E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x3E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.63 F606:3F Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x3F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.64 F606:40 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x40
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.65 F606:41 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x41
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.66 F606:42 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x42
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.67 F606:43 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x43
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.68 F606:44 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x44
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.69 F606:45 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x45
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.70 F606:46 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x46
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.71 F606:47 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x47
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.208.72 F606:48 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x48
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.73 F606:49 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x49
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.74 F606:4A Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x4A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.75 F606:4B Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x4B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.76 F606:4C Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x4C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.77 F606:4D Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x4D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.78 F606:4E Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x4E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.79 F606:4F Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x4F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.80 F606:50 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x50
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.81 F606:51 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x51
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.82 F606:52 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x52
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.83 F606:53 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x53
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.84 F606:54 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x54
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.85 F606:55 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x55
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.86 F606:56 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x56
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.87 F606:57 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x57
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.88 F606:58 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x58
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.89 F606:59 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x59
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.90 F606:5A Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x5A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.91 F606:5B Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x5B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.92 F606:5C Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x5C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.93 F606:5D Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x5D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.94 F606:5E Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x5E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.95 F606:5F Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x5F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.208.96 F606:60 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x60
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.97 F606:61 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x61
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.98 F606:62 Std Input

Description	Value
Index	0xF606 (Device)
Subindex	0x62
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.99 F606:63 Std Input**

Description	Value
Index	0xF606 (Device)
Subindex	0x63
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.10 F606:64 Std Input****0**

Description	Value
Index	0xF606 (Device)
Subindex	0x64
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.10 F606:65 Std Input****1**

Description	Value
Index	0xF606 (Device)
Subindex	0x65
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.10 F606:66 Std Input**

**2**

Description	Value
Index	0xF606 (Device)
Subindex	0x66
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.10 F606:67 Std Input**

**3**

Description	Value
Index	0xF606 (Device)
Subindex	0x67
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.10 F606:68 Std Input**

**4**

Description	Value
Index	0xF606 (Device)
Subindex	0x68
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.10 F606:69 Std Input****5**

Description	Value
Index	0xF606 (Device)
Subindex	0x69
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.10 F606:6A Std Input****6**

Description	Value
Index	0xF606 (Device)
Subindex	0x6A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.10 F606:6B Std Input****7**

Description	Value
Index	0xF606 (Device)
Subindex	0x6B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.10 F606:6C Std Input**

**8**

Description	Value
Index	0xF606 (Device)
Subindex	0x6C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.10 F606:6D Std Input**

**9**

Description	Value
Index	0xF606 (Device)
Subindex	0x6D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.11 F606:6E Std Input**

**0**

Description	Value
Index	0xF606 (Device)
Subindex	0x6E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.11 F606:6F Std Input****1**

Description	Value
Index	0xF606 (Device)
Subindex	0x6F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.11 F606:70 Std Input****2**

Description	Value
Index	0xF606 (Device)
Subindex	0x70
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.11 F606:71 Std Input****3**

Description	Value
Index	0xF606 (Device)
Subindex	0x71
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.11 F606:72 Std Input**

**4**

Description	Value
Index	0xF606 (Device)
Subindex	0x72
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.11 F606:73 Std Input**

**5**

Description	Value
Index	0xF606 (Device)
Subindex	0x73
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.11 F606:74 Std Input**

**6**

Description	Value
Index	0xF606 (Device)
Subindex	0x74
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.11 F606:75 Std Input****7**

Description	Value
Index	0xF606 (Device)
Subindex	0x75
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.11 F606:76 Std Input****8**

Description	Value
Index	0xF606 (Device)
Subindex	0x76
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.11 F606:77 Std Input****9**

Description	Value
Index	0xF606 (Device)
Subindex	0x77
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.208.12 F606:78 Std Input  
0**

Description	Value
Index	0xF606 (Device)
Subindex	0x78
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.12 F606:79 Std Input  
1**

Description	Value
Index	0xF606 (Device)
Subindex	0x79
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.12 F606:7A Std Input  
2**

Description	Value
Index	0xF606 (Device)
Subindex	0x7A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.12 F606:7B Std Input****3**

Description	Value
Index	0xF606 (Device)
Subindex	0x7B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.12 F606:7C Std Input****4**

Description	Value
Index	0xF606 (Device)
Subindex	0x7C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.12 F606:7D Std Input****5**

Description	Value
Index	0xF606 (Device)
Subindex	0x7D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.12 F606:7E Std Input  
6**

Description	Value
Index	0xF606 (Device)
Subindex	0x7E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.12 F606:7F Std Input  
7**

Description	Value
Index	0xF606 (Device)
Subindex	0x7F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.12 F606:80 Std Input  
8**

Description	Value
Index	0xF606 (Device)
Subindex	0x80
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.12 F606:81 Std Input****9**

Description	Value
Index	0xF606 (Device)
Subindex	0x81
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.13 F606:82 Std Input****0**

Description	Value
Index	0xF606 (Device)
Subindex	0x82
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.13 F606:83 Std Input****1**

Description	Value
Index	0xF606 (Device)
Subindex	0x83
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.13 F606:84 Std Input**

**2**

Description	Value
Index	0xF606 (Device)
Subindex	0x84
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.13 F606:85 Std Input**

**3**

Description	Value
Index	0xF606 (Device)
Subindex	0x85
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.13 F606:86 Std Input**

**4**

Description	Value
Index	0xF606 (Device)
Subindex	0x86
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.13 F606:87 Std Input****5**

Description	Value
Index	0xF606 (Device)
Subindex	0x87
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.13 F606:88 Std Input****6**

Description	Value
Index	0xF606 (Device)
Subindex	0x88
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.13 F606:89 Std Input****7**

Description	Value
Index	0xF606 (Device)
Subindex	0x89
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.13 F606:8A Std Input

**8**

Description	Value
Index	0xF606 (Device)
Subindex	0x8A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.13 F606:8B Std Input

**9**

Description	Value
Index	0xF606 (Device)
Subindex	0x8B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.208.14 F606:8C Std Input

**0**

Description	Value
Index	0xF606 (Device)
Subindex	0x8C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.14 F606:8D Std Input****1**

Description	Value
Index	0xF606 (Device)
Subindex	0x8D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.14 F606:8E Std Input****2**

Description	Value
Index	0xF606 (Device)
Subindex	0x8E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.14 F606:8F Std Input****3**

Description	Value
Index	0xF606 (Device)
Subindex	0x8F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.208.14 F606:90 Std Input**

**4**

Description	Value
Index	0xF606 (Device)
Subindex	0x90
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.14 F606:91 Std Input**

**5**

Description	Value
Index	0xF606 (Device)
Subindex	0x91
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.14 F606:92 Std Input**

**6**

Description	Value
Index	0xF606 (Device)
Subindex	0x92
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.14 F606:93 Std Input****7**

Description	Value
Index	0xF606 (Device)
Subindex	0x93
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.14 F606:94 Std Input****8**

Description	Value
Index	0xF606 (Device)
Subindex	0x94
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.14 F606:95 Std Input****9**

Description	Value
Index	0xF606 (Device)
Subindex	0x95
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.15 F606:96 Std Input  
0**

Description	Value
Index	0xF606 (Device)
Subindex	0x96
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.15 F606:97 Std Input  
1**

Description	Value
Index	0xF606 (Device)
Subindex	0x97
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.15 F606:98 Std Input  
2**

Description	Value
Index	0xF606 (Device)
Subindex	0x98
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.15 F606:99 Std Input****3**

Description	Value
Index	0xF606 (Device)
Subindex	0x99
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.15 F606:9A Std Input****4**

Description	Value
Index	0xF606 (Device)
Subindex	0x9A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.15 F606:9B Std Input****5**

Description	Value
Index	0xF606 (Device)
Subindex	0x9B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.15 F606:9C Std Input**

**6**

Description	Value
Index	0xF606 (Device)
Subindex	0x9C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.15 F606:9D Std Input**

**7**

Description	Value
Index	0xF606 (Device)
Subindex	0x9D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.15 F606:9E Std Input**

**8**

Description	Value
Index	0xF606 (Device)
Subindex	0x9E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.15 F606:9F Std Input****9**

Description	Value
Index	0xF606 (Device)
Subindex	0x9F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.16 F606:A0 Std Input****0**

Description	Value
Index	0xF606 (Device)
Subindex	0xA0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.16 F606:A1 Std Input****1**

Description	Value
Index	0xF606 (Device)
Subindex	0xA1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.16 F606:A2 Std Input**

**2**

Description	Value
Index	0xF606 (Device)
Subindex	0xA2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.16 F606:A3 Std Input**

**3**

Description	Value
Index	0xF606 (Device)
Subindex	0xA3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.16 F606:A4 Std Input**

**4**

Description	Value
Index	0xF606 (Device)
Subindex	0xA4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.16 F606:A5 Std Input****5**

Description	Value
Index	0xF606 (Device)
Subindex	0xA5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.16 F606:A6 Std Input****6**

Description	Value
Index	0xF606 (Device)
Subindex	0xA6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.16 F606:A7 Std Input****7**

Description	Value
Index	0xF606 (Device)
Subindex	0xA7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.208.16 F606:A8 Std Input**

**8**

Description	Value
Index	0xF606 (Device)
Subindex	0xA8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.16 F606:A9 Std Input**

**9**

Description	Value
Index	0xF606 (Device)
Subindex	0xA9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.17 F606:AA Std Input**

**0**

Description	Value
Index	0xF606 (Device)
Subindex	0xAA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.17 F606:AB Std Input****1**

Description	Value
Index	0xF606 (Device)
Subindex	0xAB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.17 F606:AC Std Input****2**

Description	Value
Index	0xF606 (Device)
Subindex	0xAC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.17 F606:AD Std Input****3**

Description	Value
Index	0xF606 (Device)
Subindex	0xAD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.17 F606:AE Std Input**

**4**

Description	Value
Index	0xF606 (Device)
Subindex	0xAE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.17 F606:AF Std Input**

**5**

Description	Value
Index	0xF606 (Device)
Subindex	0xAF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.17 F606:B0 Std Input**

**6**

Description	Value
Index	0xF606 (Device)
Subindex	0xB0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.17 F606:B1 Std Input****7**

Description	Value
Index	0xF606 (Device)
Subindex	0xB1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.17 F606:B2 Std Input****8**

Description	Value
Index	0xF606 (Device)
Subindex	0xB2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.17 F606:B3 Std Input****9**

Description	Value
Index	0xF606 (Device)
Subindex	0xB3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.18 F606:B4 Std Input**

**0**

Description	Value
Index	0xF606 (Device)
Subindex	0xB4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.18 F606:B5 Std Input**

**1**

Description	Value
Index	0xF606 (Device)
Subindex	0xB5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.18 F606:B6 Std Input**

**2**

Description	Value
Index	0xF606 (Device)
Subindex	0xB6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.18 F606:B7 Std Input****3**

Description	Value
Index	0xF606 (Device)
Subindex	0xB7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.18 F606:B8 Std Input****4**

Description	Value
Index	0xF606 (Device)
Subindex	0xB8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.18 F606:B9 Std Input****5**

Description	Value
Index	0xF606 (Device)
Subindex	0xB9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.18 F606:BA Std Input**

**6**

Description	Value
Index	0xF606 (Device)
Subindex	0xBA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.18 F606:BB Std Input**

**7**

Description	Value
Index	0xF606 (Device)
Subindex	0xBB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.18 F606:BC Std Input**

**8**

Description	Value
Index	0xF606 (Device)
Subindex	0xBC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.18 F606:BD Std Input****9**

Description	Value
Index	0xF606 (Device)
Subindex	0xBD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.19 F606:BE Std Input****0**

Description	Value
Index	0xF606 (Device)
Subindex	0xBE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.19 F606:BF Std Input****1**

Description	Value
Index	0xF606 (Device)
Subindex	0xBF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.208.19 F606:C0 Std Input**

**2**

Description	Value
Index	0xF606 (Device)
Subindex	0xC0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.19 F606:C1 Std Input**

**3**

Description	Value
Index	0xF606 (Device)
Subindex	0xC1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.19 F606:C2 Std Input**

**4**

Description	Value
Index	0xF606 (Device)
Subindex	0xC2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.19 F606:C3 Std Input****5**

Description	Value
Index	0xF606 (Device)
Subindex	0xC3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.19 F606:C4 Std Input****6**

Description	Value
Index	0xF606 (Device)
Subindex	0xC4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.19 F606:C5 Std Input****7**

Description	Value
Index	0xF606 (Device)
Subindex	0xC5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.19 F606:C6 Std Input**

**8**

Description	Value
Index	0xF606 (Device)
Subindex	0xC6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.19 F606:C7 Std Input**

**9**

Description	Value
Index	0xF606 (Device)
Subindex	0xC7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.20 F606:C8 Std Input**

**0**

Description	Value
Index	0xF606 (Device)
Subindex	0xC8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.20 F606:C9 Std Input****1**

Description	Value
Index	0xF606 (Device)
Subindex	0xC9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.20 F606:CA Std Input****2**

Description	Value
Index	0xF606 (Device)
Subindex	0xCA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.20 F606:CB Std Input****3**

Description	Value
Index	0xF606 (Device)
Subindex	0xCB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.20 F606:CC Std Input**

**4**

Description	Value
Index	0xF606 (Device)
Subindex	0xCC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.20 F606:CD Std Input**

**5**

Description	Value
Index	0xF606 (Device)
Subindex	0xCD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.20 F606:CE Std Input**

**6**

Description	Value
Index	0xF606 (Device)
Subindex	0xCE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.20 F606:CF Std Input****7**

Description	Value
Index	0xF606 (Device)
Subindex	0xCF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.20 F606:D0 Std Input****8**

Description	Value
Index	0xF606 (Device)
Subindex	0xD0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.20 F606:D1 Std Input****9**

Description	Value
Index	0xF606 (Device)
Subindex	0xD1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.21 F606:D2 Std Input**

**0**

Description	Value
Index	0xF606 (Device)
Subindex	0xD2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.21 F606:D3 Std Input**

**1**

Description	Value
Index	0xF606 (Device)
Subindex	0xD3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.21 F606:D4 Std Input**

**2**

Description	Value
Index	0xF606 (Device)
Subindex	0xD4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.21 F606:D5 Std Input****3**

Description	Value
Index	0xF606 (Device)
Subindex	0xD5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.21 F606:D6 Std Input****4**

Description	Value
Index	0xF606 (Device)
Subindex	0xD6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.21 F606:D7 Std Input****5**

Description	Value
Index	0xF606 (Device)
Subindex	0xD7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



**3.208.21 F606:D8 Std Input**  
**6**

Description	Value
Index	0xF606 (Device)
Subindex	0xD8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.21 F606:D9 Std Input**  
**7**

Description	Value
Index	0xF606 (Device)
Subindex	0xD9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.21 F606:DA Std Input**  
**8**

Description	Value
Index	0xF606 (Device)
Subindex	0xDA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.21 F606:DB Std Input****9**

Description	Value
Index	0xF606 (Device)
Subindex	0xDB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.22 F606:DC Std Input****0**

Description	Value
Index	0xF606 (Device)
Subindex	0xDC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.22 F606:DD Std Input****1**

Description	Value
Index	0xF606 (Device)
Subindex	0xDD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.22 F606:DE Std Input**

**2**

Description	Value
Index	0xF606 (Device)
Subindex	0xDE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.22 F606:DF Std Input**

**3**

Description	Value
Index	0xF606 (Device)
Subindex	0xDF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.208.22 F606:E0 Std Input**

**4**

Description	Value
Index	0xF606 (Device)
Subindex	0xE0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.209 F607:x FSOE Std UINT16 Inputs

Description	Value
Index	0xF607 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.209.1 F607:01 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.209.2 F607:02 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.209.3 F607:03 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.209.4 F607:04 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.209.5 F607:05 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.6 F607:06 Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.7 F607:07 Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.8 F607:08 Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.209.9 F607:09 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.209.10 F607:0A Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.209.11 F607:0B Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.12 F607:0C Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.13 F607:0D Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.14 F607:0E Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.209.15 F607:0F Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.209.16 F607:10 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.209.17 F607:11 Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.18 F607:12 Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.19 F607:13 Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.20 F607:14 Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.21 F607:15 Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.22 F607:16 Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.23 F607:17 Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.24 F607:18 Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.25 F607:19 Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.26 F607:1A Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.209.27 F607:1B Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.209.28 F607:1C Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.209.29 F607:1D Std Input

Description	Value
Index	0xF607 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.30 F607:1E Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.209.31 F607:1F Std Input**

Description	Value
Index	0xF607 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.210 F608:x FSOE Std INT16 Inputs

Description	Value
Index	0xF608 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.210.1 F608:01 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.210.2 F608:02 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.3 F608:03 Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x03
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.4 F608:04 Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x04
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.5 F608:05 Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x05
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.210.6 F608:06 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x06
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.210.7 F608:07 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x07
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.210.8 F608:08 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x08
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.9 F608:09 Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x09
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.10 F608:0A Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x0A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.11 F608:0B Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x0B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.210.12 F608:0C Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x0C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.210.13 F608:0D Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x0D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.210.14 F608:0E Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x0E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.15 F608:0F Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x0F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.16 F608:10 Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x10
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.17 F608:11 Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.210.18 F608:12 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x12
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.210.19 F608:13 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x13
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.210.20 F608:14 Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x14
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.21 F608:15 Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x15
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.22 F608:16 Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x16
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.23 F608:17 Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x17
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.24 F608:18 Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x18
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.25 F608:19 Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x19
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.26 F608:1A Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x1A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.27 F608:1B Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x1B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.28 F608:1C Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x1C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.210.29 F608:1D Std Input**

Description	Value
Index	0xF608 (Device)
Subindex	0x1D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.210.30 F608:1E Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x1E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.210.31 F608:1F Std Input

Description	Value
Index	0xF608 (Device)
Subindex	0x1F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.211 F609:x FSOE Std UINT32 Inputs

Description	Value
Index	0xF609 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.211.1 F609:01 Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.211.2 F609:02 Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.211.3 F609:03 Std Input**

Description	Value
Index	0xF609 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.211.4 F609:04 Std Input**

Description	Value
Index	0xF609 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.211.5 F609:05 Std Input**

Description	Value
Index	0xF609 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.211.6 F609:06 Std Input**

Description	Value
Index	0xF609 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.211.7 F609:07 Std Input**

Description	Value
Index	0xF609 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.211.8 F609:08 Std Input**

Description	Value
Index	0xF609 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.211.9 F609:09 Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.211.10 F609:0A Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.211.11 F609:0B Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.211.12 F609:0C Std Input**

Description	Value
Index	0xF609 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.211.13 F609:0D Std Input**

Description	Value
Index	0xF609 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.211.14 F609:0E Std Input**

Description	Value
Index	0xF609 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.211.15 F609:0F Std Input

Description	Value
Index	0xF609 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.212 F60A:x FSOE Std INT32 Inputs

Description	Value
Index	0xF60A (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.212.1 F60A:01 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.212.2 F60A:02 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.212.3 F60A:03 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.212.4 F60A:04 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x04
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.212.5 F60A:05 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x05
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.212.6 F60A:06 Std Input**

Description	Value
Index	0xF60A (Device)
Subindex	0x06
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.212.7 F60A:07 Std Input**

Description	Value
Index	0xF60A (Device)
Subindex	0x07
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.212.8 F60A:08 Std Input**

Description	Value
Index	0xF60A (Device)
Subindex	0x08
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.212.9 F60A:09 Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x09
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.212.10 F60A:0A Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x0A
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.212.11 F60A:0B Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x0B
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.212.12 F60A:0C Std Input**

Description	Value
Index	0xF60A (Device)
Subindex	0x0C
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.212.13 F60A:0D Std Input**

Description	Value
Index	0xF60A (Device)
Subindex	0x0D
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.212.14 F60A:0E Std Input**

Description	Value
Index	0xF60A (Device)
Subindex	0x0E
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.212.15 F60A:0F Std Input

Description	Value
Index	0xF60A (Device)
Subindex	0x0F
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213 F60B:x FSOE Std UINT8 Inputs

Description	Value
Index	0xF60B (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	62 (0x3E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.213.1 F60B:01 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.213.2 F60B:02 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.3 F60B:03 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.4 F60B:04 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.5 F60B:05 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.6 F60B:06 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.7 F60B:07 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.8 F60B:08 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.213.9 F60B:09 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.10 F60B:0A Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.11 F60B:0B Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.12 F60B:0C Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.13 F60B:0D Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.14 F60B:0E Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.15 F60B:0F Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.16 F60B:10 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.17 F60B:11 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.18 F60B:12 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.19 F60B:13 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.20 F60B:14 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.21 F60B:15 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.22 F60B:16 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.23 F60B:17 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.24 F60B:18 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.25 F60B:19 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.26 F60B:1A Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.27 F60B:1B Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.28 F60B:1C Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.29 F60B:1D Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.30 F60B:1E Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.31 F60B:1F Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.32 F60B:20 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.213.33 F60B:21 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.34 F60B:22 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.35 F60B:23 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.36 F60B:24 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.37 F60B:25 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.38 F60B:26 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.39 F60B:27 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.40 F60B:28 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.41 F60B:29 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.42 F60B:2A Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.43 F60B:2B Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.44 F60B:2C Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.45 F60B:2D Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.46 F60B:2E Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.47 F60B:2F Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.48 F60B:30 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.49 F60B:31 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.50 F60B:32 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.51 F60B:33 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.52 F60B:34 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.53 F60B:35 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.54 F60B:36 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.55 F60B:37 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.56 F60B:38 Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.213.57 F60B:39 Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.58 F60B:3A Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.213.59 F60B:3B Std Input

Description	Value
Index	0xF60B (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.60 F60B:3C Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.61 F60B:3D Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.213.62 F60B:3E Std Input**

Description	Value
Index	0xF60B (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214 F60C:x FSOE Safe UINT8 Inputs

Description	Value
Index	0xF60C (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	62 (0x3E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.214.1 F60C:01 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

#### 3.214.2 F60C:02 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.3 F60C:03 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.4 F60C:04 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.5 F60C:05 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.6 F60C:06 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.7 F60C:07 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.8 F60C:08 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.9 F60C:09 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.10 F60C:0A Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.11 F60C:0B Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.12 F60C:0C Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.13 F60C:0D Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.14 F60C:0E Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.15 F60C:0F Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.16 F60C:10 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.17 F60C:11 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.214.18 F60C:12 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.19 F60C:13 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.20 F60C:14 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.21 F60C:15 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.22 F60C:16 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.23 F60C:17 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.24 F60C:18 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.25 F60C:19 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.26 F60C:1A Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.27 F60C:1B Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.28 F60C:1C Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.29 F60C:1D Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.30 F60C:1E Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.31 F60C:1F Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.32 F60C:20 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.33 F60C:21 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.34 F60C:22 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.35 F60C:23 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.36 F60C:24 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.37 F60C:25 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.38 F60C:26 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.39 F60C:27 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.40 F60C:28 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.41 F60C:29 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All



### 3.214.42 F60C:2A Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.43 F60C:2B Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.44 F60C:2C Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.45 F60C:2D Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.46 F60C:2E Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.47 F60C:2F Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.48 F60C:30 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.49 F60C:31 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.50 F60C:32 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.51 F60C:33 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.52 F60C:34 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.53 F60C:35 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.54 F60C:36 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.55 F60C:37 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.56 F60C:38 Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.57 F60C:39 Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.58 F60C:3A Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

**3.214.59 F60C:3B Safe Input**

Description	Value
Index	0xF60C (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.60 F60C:3C Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.61 F60C:3D Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.214.62 F60C:3E Safe Input

Description	Value
Index	0xF60C (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.215 F688 Standard Outputs

Description	Value
Index	0xF688 (Device)
Subindex	0x00
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



### 3.216 F701:x FSOE Safe BOOL Outputs

Description	Value
Index	0xF701 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	224 (0xE0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.216.1 F701:01 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.216.2 F701:02 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.3 F701:03 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.4 F701:04 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.5 F701:05 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.6 F701:06 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.7 F701:07 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.8 F701:08 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.9 F701:09 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.10 F701:0A Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.11 F701:0B Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.12 F701:0C Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.13 F701:0D Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.14 F701:0E Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.15 F701:0F Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.16 F701:10 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.17 F701:11 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x11
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.18 F701:12 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x12
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.19 F701:13 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x13
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.20 F701:14 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x14
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.21 F701:15 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x15
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.22 F701:16 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x16
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.23 F701:17 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.216.24 F701:18 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x18
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.25 F701:19 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x19
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.26 F701:1A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x1A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.27 F701:1B Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x1B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.28 F701:1C Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x1C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.29 F701:1D Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x1D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.30 F701:1E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x1E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.31 F701:1F Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x1F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.32 F701:20 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x20
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.33 F701:21 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x21
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.34 F701:22 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x22
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.35 F701:23 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x23
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.36 F701:24 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x24
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.37 F701:25 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x25
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.38 F701:26 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x26
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.39 F701:27 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x27
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.40 F701:28 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x28
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.41 F701:29 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x29
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.42 F701:2A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x2A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.43 F701:2B Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x2B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.44 F701:2C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x2C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.45 F701:2D Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x2D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.46 F701:2E Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x2E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.47 F701:2F Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x2F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.216.48 F701:30 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x30
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.49 F701:31 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x31
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.50 F701:32 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x32
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.51 F701:33 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x33
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.52 F701:34 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x34
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.53 F701:35 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x35
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.54 F701:36 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x36
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.55 F701:37 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x37
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.56 F701:38 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x38
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.57 F701:39 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x39
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.58 F701:3A Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x3A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.59 F701:3B Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x3B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.60 F701:3C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x3C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.61 F701:3D Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x3D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.62 F701:3E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x3E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.63 F701:3F Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x3F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.64 F701:40 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x40
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.65 F701:41 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x41
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.66 F701:42 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x42
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.67 F701:43 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x43
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.68 F701:44 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x44
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.69 F701:45 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x45
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.70 F701:46 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x46
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.71 F701:47 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x47
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.216.72 F701:48 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x48
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.73 F701:49 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x49
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.74 F701:4A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x4A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.75 F701:4B Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x4B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.76 F701:4C Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x4C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.77 F701:4D Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x4D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.78 F701:4E Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x4E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.79 F701:4F Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x4F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.80 F701:50 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x50
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.81 F701:51 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x51
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.82 F701:52 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x52
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.83 F701:53 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x53
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.84 F701:54 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x54
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.85 F701:55 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x55
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.86 F701:56 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x56
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.87 F701:57 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x57
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.88 F701:58 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x58
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.89 F701:59 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x59
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.90 F701:5A Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x5A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.91 F701:5B Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x5B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.92 F701:5C Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x5C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.93 F701:5D Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x5D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.94 F701:5E Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x5E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.95 F701:5F Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x5F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.216.96 F701:60 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x60
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.97 F701:61 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x61
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.98 F701:62 Safe Output

Description	Value
Index	0xF701 (Device)
Subindex	0x62
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.99 F701:63 Safe Output**

Description	Value
Index	0xF701 (Device)
Subindex	0x63
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.10 F701:64 Safe Output****0**

Description	Value
Index	0xF701 (Device)
Subindex	0x64
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.10 F701:65 Safe Output****1**

Description	Value
Index	0xF701 (Device)
Subindex	0x65
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.10 F701:66 Safe Output**

**2**

Description	Value
Index	0xF701 (Device)
Subindex	0x66
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.10 F701:67 Safe Output**

**3**

Description	Value
Index	0xF701 (Device)
Subindex	0x67
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.10 F701:68 Safe Output**

**4**

Description	Value
Index	0xF701 (Device)
Subindex	0x68
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.10 F701:69 Safe Output****5**

Description	Value
Index	0xF701 (Device)
Subindex	0x69
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.10 F701:6A Safe Output****6**

Description	Value
Index	0xF701 (Device)
Subindex	0x6A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.10 F701:6B Safe Output****7**

Description	Value
Index	0xF701 (Device)
Subindex	0x6B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.10 F701:6C Safe Output**

**8**

Description	Value
Index	0xF701 (Device)
Subindex	0x6C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.10 F701:6D Safe Output**

**9**

Description	Value
Index	0xF701 (Device)
Subindex	0x6D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.11 F701:6E Safe Output**

**0**

Description	Value
Index	0xF701 (Device)
Subindex	0x6E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.11 F701:6F Safe Output****1**

Description	Value
Index	0xF701 (Device)
Subindex	0x6F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.11 F701:70 Safe Output****2**

Description	Value
Index	0xF701 (Device)
Subindex	0x70
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.11 F701:71 Safe Output****3**

Description	Value
Index	0xF701 (Device)
Subindex	0x71
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.11 F701:72 Safe Output**

**4**

Description	Value
Index	0xF701 (Device)
Subindex	0x72
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.11 F701:73 Safe Output**

**5**

Description	Value
Index	0xF701 (Device)
Subindex	0x73
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.11 F701:74 Safe Output**

**6**

Description	Value
Index	0xF701 (Device)
Subindex	0x74
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.11 F701:75 Safe Output****7**

Description	Value
Index	0xF701 (Device)
Subindex	0x75
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.11 F701:76 Safe Output****8**

Description	Value
Index	0xF701 (Device)
Subindex	0x76
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.11 F701:77 Safe Output****9**

Description	Value
Index	0xF701 (Device)
Subindex	0x77
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.216.12 F701:78 Safe Output**

**0**

Description	Value
Index	0xF701 (Device)
Subindex	0x78
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.12 F701:79 Safe Output**

**1**

Description	Value
Index	0xF701 (Device)
Subindex	0x79
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.12 F701:7A Safe Output**

**2**

Description	Value
Index	0xF701 (Device)
Subindex	0x7A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.12 F701:7B Safe Output****3**

Description	Value
Index	0xF701 (Device)
Subindex	0x7B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.12 F701:7C Safe Output****4**

Description	Value
Index	0xF701 (Device)
Subindex	0x7C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.12 F701:7D Safe Output****5**

Description	Value
Index	0xF701 (Device)
Subindex	0x7D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.12 F701:7E Safe Output****6**

Description	Value
Index	0xF701 (Device)
Subindex	0x7E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.12 F701:7F Safe Output****7**

Description	Value
Index	0xF701 (Device)
Subindex	0x7F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.12 F701:80 Safe Output****8**

Description	Value
Index	0xF701 (Device)
Subindex	0x80
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.12 F701:81 Safe Output****9**

Description	Value
Index	0xF701 (Device)
Subindex	0x81
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.13 F701:82 Safe Output****0**

Description	Value
Index	0xF701 (Device)
Subindex	0x82
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.13 F701:83 Safe Output****1**

Description	Value
Index	0xF701 (Device)
Subindex	0x83
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.13 F701:84 Safe Output**

**2**

Description	Value
Index	0xF701 (Device)
Subindex	0x84
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.13 F701:85 Safe Output**

**3**

Description	Value
Index	0xF701 (Device)
Subindex	0x85
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.13 F701:86 Safe Output**

**4**

Description	Value
Index	0xF701 (Device)
Subindex	0x86
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.13 F701:87 Safe Output****5**

Description	Value
Index	0xF701 (Device)
Subindex	0x87
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.13 F701:88 Safe Output****6**

Description	Value
Index	0xF701 (Device)
Subindex	0x88
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.13 F701:89 Safe Output****7**

Description	Value
Index	0xF701 (Device)
Subindex	0x89
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.13 F701:8A Safe Output  
8**

Description	Value
Index	0xF701 (Device)
Subindex	0x8A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.13 F701:8B Safe Output  
9**

Description	Value
Index	0xF701 (Device)
Subindex	0x8B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.14 F701:8C Safe Output  
0**

Description	Value
Index	0xF701 (Device)
Subindex	0x8C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.14 F701:8D Safe Output****1**

Description	Value
Index	0xF701 (Device)
Subindex	0x8D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.14 F701:8E Safe Output****2**

Description	Value
Index	0xF701 (Device)
Subindex	0x8E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.14 F701:8F Safe Output****3**

Description	Value
Index	0xF701 (Device)
Subindex	0x8F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.216.14 F701:90 Safe Output

**4**

Description	Value
Index	0xF701 (Device)
Subindex	0x90
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.14 F701:91 Safe Output

**5**

Description	Value
Index	0xF701 (Device)
Subindex	0x91
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.14 F701:92 Safe Output

**6**

Description	Value
Index	0xF701 (Device)
Subindex	0x92
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.14 F701:93 Safe Output****7**

Description	Value
Index	0xF701 (Device)
Subindex	0x93
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.14 F701:94 Safe Output****8**

Description	Value
Index	0xF701 (Device)
Subindex	0x94
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.14 F701:95 Safe Output****9**

Description	Value
Index	0xF701 (Device)
Subindex	0x95
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.15 F701:96 Safe Output**

**0**

Description	Value
Index	0xF701 (Device)
Subindex	0x96
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.15 F701:97 Safe Output**

**1**

Description	Value
Index	0xF701 (Device)
Subindex	0x97
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.15 F701:98 Safe Output**

**2**

Description	Value
Index	0xF701 (Device)
Subindex	0x98
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.15 F701:99 Safe Output****3**

Description	Value
Index	0xF701 (Device)
Subindex	0x99
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.15 F701:9A Safe Output****4**

Description	Value
Index	0xF701 (Device)
Subindex	0x9A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.15 F701:9B Safe Output****5**

Description	Value
Index	0xF701 (Device)
Subindex	0x9B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.15 F701:9C Safe Output  
6**

Description	Value
Index	0xF701 (Device)
Subindex	0x9C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.15 F701:9D Safe Output  
7**

Description	Value
Index	0xF701 (Device)
Subindex	0x9D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.15 F701:9E Safe Output  
8**

Description	Value
Index	0xF701 (Device)
Subindex	0x9E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.15 F701:9F Safe Output****9**

Description	Value
Index	0xF701 (Device)
Subindex	0x9F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.16 F701:A0 Safe Output****0**

Description	Value
Index	0xF701 (Device)
Subindex	0xA0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.16 F701:A1 Safe Output****1**

Description	Value
Index	0xF701 (Device)
Subindex	0xA1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.16 F701:A2 Safe Output  
2**

Description	Value
Index	0xF701 (Device)
Subindex	0xA2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.16 F701:A3 Safe Output  
3**

Description	Value
Index	0xF701 (Device)
Subindex	0xA3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.16 F701:A4 Safe Output  
4**

Description	Value
Index	0xF701 (Device)
Subindex	0xA4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.16 F701:A5 Safe Output****5**

Description	Value
Index	0xF701 (Device)
Subindex	0xA5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.16 F701:A6 Safe Output****6**

Description	Value
Index	0xF701 (Device)
Subindex	0xA6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.16 F701:A7 Safe Output****7**

Description	Value
Index	0xF701 (Device)
Subindex	0xA7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.216.16 F701:A8 Safe Output  
8**

Description	Value
Index	0xF701 (Device)
Subindex	0xA8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.16 F701:A9 Safe Output  
9**

Description	Value
Index	0xF701 (Device)
Subindex	0xA9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.17 F701:AA Safe Output  
0**

Description	Value
Index	0xF701 (Device)
Subindex	0xAA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.17 F701:AB Safe Output****1**

Description	Value
Index	0xF701 (Device)
Subindex	0xAB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.17 F701:AC Safe Output****2**

Description	Value
Index	0xF701 (Device)
Subindex	0xAC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.17 F701:AD Safe Output****3**

Description	Value
Index	0xF701 (Device)
Subindex	0xAD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.17 F701:AE Safe Output**

**4**

Description	Value
Index	0xF701 (Device)
Subindex	0xAE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.17 F701:AF Safe Output**

**5**

Description	Value
Index	0xF701 (Device)
Subindex	0xAF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.17 F701:B0 Safe Output**

**6**

Description	Value
Index	0xF701 (Device)
Subindex	0xB0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.17 F701:B1 Safe Output****7**

Description	Value
Index	0xF701 (Device)
Subindex	0xB1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.17 F701:B2 Safe Output****8**

Description	Value
Index	0xF701 (Device)
Subindex	0xB2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.17 F701:B3 Safe Output****9**

Description	Value
Index	0xF701 (Device)
Subindex	0xB3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.18 F701:B4 Safe Output  
0**

Description	Value
Index	0xF701 (Device)
Subindex	0xB4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.18 F701:B5 Safe Output  
1**

Description	Value
Index	0xF701 (Device)
Subindex	0xB5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.18 F701:B6 Safe Output  
2**

Description	Value
Index	0xF701 (Device)
Subindex	0xB6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.18 F701:B7 Safe Output****3**

Description	Value
Index	0xF701 (Device)
Subindex	0xB7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.18 F701:B8 Safe Output****4**

Description	Value
Index	0xF701 (Device)
Subindex	0xB8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.18 F701:B9 Safe Output****5**

Description	Value
Index	0xF701 (Device)
Subindex	0xB9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.18 F701:BA Safe Output

**6**

Description	Value
Index	0xF701 (Device)
Subindex	0xBA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.18 F701:BB Safe Output

**7**

Description	Value
Index	0xF701 (Device)
Subindex	0xBB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.18 F701:BC Safe Output

**8**

Description	Value
Index	0xF701 (Device)
Subindex	0xBC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.18 F701:BD Safe Output****9**

Description	Value
Index	0xF701 (Device)
Subindex	0xBD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.19 F701:BE Safe Output****0**

Description	Value
Index	0xF701 (Device)
Subindex	0xBE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.19 F701:BF Safe Output****1**

Description	Value
Index	0xF701 (Device)
Subindex	0xBF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.216.19 F701:C0 Safe Output**

**2**

Description	Value
Index	0xF701 (Device)
Subindex	0xC0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.19 F701:C1 Safe Output**

**3**

Description	Value
Index	0xF701 (Device)
Subindex	0xC1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.19 F701:C2 Safe Output**

**4**

Description	Value
Index	0xF701 (Device)
Subindex	0xC2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.19 F701:C3 Safe Output****5**

Description	Value
Index	0xF701 (Device)
Subindex	0xC3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.19 F701:C4 Safe Output****6**

Description	Value
Index	0xF701 (Device)
Subindex	0xC4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.19 F701:C5 Safe Output****7**

Description	Value
Index	0xF701 (Device)
Subindex	0xC5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.19 F701:C6 Safe Output

**8**

Description	Value
Index	0xF701 (Device)
Subindex	0xC6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.19 F701:C7 Safe Output

**9**

Description	Value
Index	0xF701 (Device)
Subindex	0xC7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.20 F701:C8 Safe Output

**0**

Description	Value
Index	0xF701 (Device)
Subindex	0xC8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.20 F701:C9 Safe Output****1**

Description	Value
Index	0xF701 (Device)
Subindex	0xC9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.20 F701:CA Safe Output****2**

Description	Value
Index	0xF701 (Device)
Subindex	0xCA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.20 F701:CB Safe Output****3**

Description	Value
Index	0xF701 (Device)
Subindex	0xCB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.20 F701:CC Safe Output**

**4**

Description	Value
Index	0xF701 (Device)
Subindex	0xCC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.20 F701:CD Safe Output**

**5**

Description	Value
Index	0xF701 (Device)
Subindex	0xCD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.20 F701:CE Safe Output**

**6**

Description	Value
Index	0xF701 (Device)
Subindex	0xCE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.20 F701:CF Safe Output****7**

Description	Value
Index	0xF701 (Device)
Subindex	0xCF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.20 F701:D0 Safe Output****8**

Description	Value
Index	0xF701 (Device)
Subindex	0xD0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.20 F701:D1 Safe Output****9**

Description	Value
Index	0xF701 (Device)
Subindex	0xD1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.21 F701:D2 Safe Output  
0**

Description	Value
Index	0xF701 (Device)
Subindex	0xD2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.21 F701:D3 Safe Output  
1**

Description	Value
Index	0xF701 (Device)
Subindex	0xD3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.21 F701:D4 Safe Output  
2**

Description	Value
Index	0xF701 (Device)
Subindex	0xD4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.21 F701:D5 Safe Output****3**

Description	Value
Index	0xF701 (Device)
Subindex	0xD5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.21 F701:D6 Safe Output****4**

Description	Value
Index	0xF701 (Device)
Subindex	0xD6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.21 F701:D7 Safe Output****5**

Description	Value
Index	0xF701 (Device)
Subindex	0xD7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.216.21 F701:D8 Safe Output 6

Description	Value
Index	0xF701 (Device)
Subindex	0xD8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.21 F701:D9 Safe Output 7

Description	Value
Index	0xF701 (Device)
Subindex	0xD9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.216.21 F701:DA Safe Output 8

Description	Value
Index	0xF701 (Device)
Subindex	0xDA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.21 F701:DB Safe Output****9**

Description	Value
Index	0xF701 (Device)
Subindex	0xDB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.22 F701:DC Safe Output****0**

Description	Value
Index	0xF701 (Device)
Subindex	0xDC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.22 F701:DD Safe Output****1**

Description	Value
Index	0xF701 (Device)
Subindex	0xDD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.22 F701:DE Safe Output**

**2**

Description	Value
Index	0xF701 (Device)
Subindex	0xDE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.22 F701:DF Safe Output**

**3**

Description	Value
Index	0xF701 (Device)
Subindex	0xDF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.216.22 F701:E0 Safe Output**

**4**

Description	Value
Index	0xF701 (Device)
Subindex	0xE0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.217 F702:x FSOE Safe UINT16 Outputs

Description	Value
Index	0xF702 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.217.1 F702:01 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.217.2 F702:02 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.3 F702:03 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.4 F702:04 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.5 F702:05 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.6 F702:06 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.7 F702:07 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.8 F702:08 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.217.9 F702:09 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.217.10 F702:0A Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.217.11 F702:0B Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.12 F702:0C Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.13 F702:0D Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.14 F702:0E Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.217.15 F702:0F Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.217.16 F702:10 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.217.17 F702:11 Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.18 F702:12 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.19 F702:13 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.20 F702:14 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.21 F702:15 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.22 F702:16 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.23 F702:17 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.24 F702:18 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.25 F702:19 Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.26 F702:1A Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.27 F702:1B Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.28 F702:1C Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.217.29 F702:1D Safe Output Word**

Description	Value
Index	0xF702 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.217.30 F702:1E Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.217.31 F702:1F Safe Output Word

Description	Value
Index	0xF702 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218 F703:x FSOE Safe INT16 Outputs

Description	Value
Index	0xF703 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.218.1 F703:01 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.218.2 F703:02 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.3 F703:03 Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x03
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.4 F703:04 Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x04
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.5 F703:05 Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x05
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.218.6 F703:06 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x06
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218.7 F703:07 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x07
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218.8 F703:08 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x08
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.9 F703:09 Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x09
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.10 F703:0A Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x0A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.11 F703:0B Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x0B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218.12 F703:0C Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x0C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218.13 F703:0D Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x0D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218.14 F703:0E Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x0E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.15 F703:0F Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x0F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.16 F703:10 Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x10
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.17 F703:11 Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218.18 F703:12 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x12
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218.19 F703:13 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x13
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218.20 F703:14 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x14
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.21 F703:15 Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x15
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.22 F703:16 Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x16
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.23 F703:17 Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x17
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218.24 F703:18 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x18
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218.25 F703:19 Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x19
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218.26 F703:1A Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x1A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.27 F703:1B Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x1B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.28 F703:1C Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x1C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.218.29 F703:1D Safe Output**

Description	Value
Index	0xF703 (Device)
Subindex	0x1D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.218.30 F703:1E Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x1E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.218.31 F703:1F Safe Output

Description	Value
Index	0xF703 (Device)
Subindex	0x1F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.219 F704:x FSOE Safe UINT32 Outputs

Description	Value
Index	0xF704 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.219.1 F704:01 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.219.2 F704:02 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.219.3 F704:03 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.219.4 F704:04 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.219.5 F704:05 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.219.6 F704:06 Output**

Description	Value
Index	0xF704 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.219.7 F704:07 Output**

Description	Value
Index	0xF704 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.219.8 F704:08 Output**

Description	Value
Index	0xF704 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.219.9 F704:09 Output

Description	Value
Index	0xF704 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.219.10 F704:0A Output

Description	Value
Index	0xF704 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.219.11 F704:0B Output

Description	Value
Index	0xF704 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.219.12 F704:0C Output**

Description	Value
Index	0xF704 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.219.13 F704:0D Output**

Description	Value
Index	0xF704 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.219.14 F704:0E Output**

Description	Value
Index	0xF704 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.219.15 F704:0F Output

Description	Value
Index	0xF704 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.220 F705:x FSOE Safe INT32 Outputs

Description	Value
Index	0xF705 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.220.1 F705:01 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.220.2 F705:02 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.220.3 F705:03 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.220.4 F705:04 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x04
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.220.5 F705:05 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x05
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.220.6 F705:06 Safe Output**

Description	Value
Index	0xF705 (Device)
Subindex	0x06
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.220.7 F705:07 Safe Output**

Description	Value
Index	0xF705 (Device)
Subindex	0x07
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.220.8 F705:08 Safe Output**

Description	Value
Index	0xF705 (Device)
Subindex	0x08
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.220.9 F705:09 Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x09
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.220.10 F705:0A Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x0A
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.220.11 F705:0B Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x0B
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.220.12 F705:0C Safe Output**

Description	Value
Index	0xF705 (Device)
Subindex	0x0C
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.220.13 F705:0D Safe Output**

Description	Value
Index	0xF705 (Device)
Subindex	0x0D
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.220.14 F705:0E Safe Output**

Description	Value
Index	0xF705 (Device)
Subindex	0x0E
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.220.15 F705:0F Safe Output

Description	Value
Index	0xF705 (Device)
Subindex	0x0F
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221 F706:x FSOE Std BOOL Outputs

Description	Value
Index	0xF706 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	224 (0xE0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.221.1 F706:01 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.221.2 F706:02 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.3 F706:03 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.4 F706:04 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.5 F706:05 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.6 F706:06 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.7 F706:07 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.8 F706:08 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.221.9 F706:09 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.10 F706:0A Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.11 F706:0B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.12 F706:0C Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.13 F706:0D Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x0D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.14 F706:0E Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x0E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.15 F706:0F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x0F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.16 F706:10 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x10
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.17 F706:11 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x11
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.18 F706:12 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x12
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.19 F706:13 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x13
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.20 F706:14 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x14
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.21 F706:15 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x15
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.22 F706:16 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x16
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.23 F706:17 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x17
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.24 F706:18 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x18
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.25 F706:19 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x19
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.26 F706:1A Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x1A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.27 F706:1B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x1B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.28 F706:1C Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x1C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.29 F706:1D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x1D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.30 F706:1E Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x1E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.31 F706:1F Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x1F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.32 F706:20 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x20
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.221.33 F706:21 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x21
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.34 F706:22 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x22
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.35 F706:23 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x23
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.36 F706:24 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x24
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.37 F706:25 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x25
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.38 F706:26 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x26
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.39 F706:27 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x27
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.40 F706:28 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x28
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.41 F706:29 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x29
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.42 F706:2A Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x2A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.43 F706:2B Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x2B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.44 F706:2C Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x2C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.45 F706:2D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x2D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.46 F706:2E Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x2E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.47 F706:2F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x2F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.48 F706:30 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x30
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.49 F706:31 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x31
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.50 F706:32 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x32
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.51 F706:33 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x33
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.52 F706:34 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x34
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.53 F706:35 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x35
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.54 F706:36 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x36
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.55 F706:37 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x37
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.56 F706:38 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x38
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.221.57 F706:39 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x39
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.58 F706:3A Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x3A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.59 F706:3B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x3B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.60 F706:3C Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x3C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.61 F706:3D Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x3D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.62 F706:3E Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x3E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.63 F706:3F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x3F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.64 F706:40 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x40
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.65 F706:41 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x41
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.66 F706:42 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x42
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.67 F706:43 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x43
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.68 F706:44 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x44
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.69 F706:45 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x45
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.70 F706:46 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x46
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.71 F706:47 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x47
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.72 F706:48 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x48
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.73 F706:49 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x49
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.74 F706:4A Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x4A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.75 F706:4B Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x4B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.76 F706:4C Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x4C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.77 F706:4D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x4D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.78 F706:4E Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x4E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.79 F706:4F Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x4F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.80 F706:50 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x50
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.221.81 F706:51 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x51
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.82 F706:52 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x52
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.83 F706:53 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x53
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.84 F706:54 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x54
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.85 F706:55 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x55
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.86 F706:56 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x56
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.87 F706:57 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x57
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.88 F706:58 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x58
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.89 F706:59 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x59
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.90 F706:5A Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x5A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.91 F706:5B Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x5B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.92 F706:5C Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x5C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.93 F706:5D Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x5D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.94 F706:5E Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x5E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.95 F706:5F Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x5F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.96 F706:60 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x60
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.97 F706:61 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x61
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.98 F706:62 Std Output**

Description	Value
Index	0xF706 (Device)
Subindex	0x62
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.99 F706:63 Std Output

Description	Value
Index	0xF706 (Device)
Subindex	0x63
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.10 F706:64 Std Output

**0**

Description	Value
Index	0xF706 (Device)
Subindex	0x64
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.10 F706:65 Std Output

**1**

Description	Value
Index	0xF706 (Device)
Subindex	0x65
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.10 F706:66 Std Output****2**

Description	Value
Index	0xF706 (Device)
Subindex	0x66
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.10 F706:67 Std Output****3**

Description	Value
Index	0xF706 (Device)
Subindex	0x67
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.10 F706:68 Std Output****4**

Description	Value
Index	0xF706 (Device)
Subindex	0x68
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.221.10 F706:69 Std Output**

**5**

Description	Value
Index	0xF706 (Device)
Subindex	0x69
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.10 F706:6A Std Output**

**6**

Description	Value
Index	0xF706 (Device)
Subindex	0x6A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.10 F706:6B Std Output**

**7**

Description	Value
Index	0xF706 (Device)
Subindex	0x6B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.10 F706:6C Std Output****8**

Description	Value
Index	0xF706 (Device)
Subindex	0x6C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.10 F706:6D Std Output****9**

Description	Value
Index	0xF706 (Device)
Subindex	0x6D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.11 F706:6E Std Output****0**

Description	Value
Index	0xF706 (Device)
Subindex	0x6E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.11 F706:6F Std Output

**1**

Description	Value
Index	0xF706 (Device)
Subindex	0x6F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.11 F706:70 Std Output

**2**

Description	Value
Index	0xF706 (Device)
Subindex	0x70
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.11 F706:71 Std Output

**3**

Description	Value
Index	0xF706 (Device)
Subindex	0x71
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.11 F706:72 Std Output****4**

Description	Value
Index	0xF706 (Device)
Subindex	0x72
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.11 F706:73 Std Output****5**

Description	Value
Index	0xF706 (Device)
Subindex	0x73
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.11 F706:74 Std Output****6**

Description	Value
Index	0xF706 (Device)
Subindex	0x74
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.11 F706:75 Std Output**

**7**

Description	Value
Index	0xF706 (Device)
Subindex	0x75
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.11 F706:76 Std Output**

**8**

Description	Value
Index	0xF706 (Device)
Subindex	0x76
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.11 F706:77 Std Output**

**9**

Description	Value
Index	0xF706 (Device)
Subindex	0x77
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.12 F706:78 Std Output****0**

Description	Value
Index	0xF706 (Device)
Subindex	0x78
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.12 F706:79 Std Output****1**

Description	Value
Index	0xF706 (Device)
Subindex	0x79
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.12 F706:7A Std Output****2**

Description	Value
Index	0xF706 (Device)
Subindex	0x7A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.12 F706:7B Std Output**

**3**

Description	Value
Index	0xF706 (Device)
Subindex	0x7B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.12 F706:7C Std Output**

**4**

Description	Value
Index	0xF706 (Device)
Subindex	0x7C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.12 F706:7D Std Output**

**5**

Description	Value
Index	0xF706 (Device)
Subindex	0x7D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.12 F706:7E Std Output****6**

Description	Value
Index	0xF706 (Device)
Subindex	0x7E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.12 F706:7F Std Output****7**

Description	Value
Index	0xF706 (Device)
Subindex	0x7F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.12 F706:80 Std Output****8**

Description	Value
Index	0xF706 (Device)
Subindex	0x80
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.221.12 F706:81 Std Output

**9**

Description	Value
Index	0xF706 (Device)
Subindex	0x81
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.13 F706:82 Std Output

**0**

Description	Value
Index	0xF706 (Device)
Subindex	0x82
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.13 F706:83 Std Output

**1**

Description	Value
Index	0xF706 (Device)
Subindex	0x83
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.13 F706:84 Std Output****2**

Description	Value
Index	0xF706 (Device)
Subindex	0x84
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.13 F706:85 Std Output****3**

Description	Value
Index	0xF706 (Device)
Subindex	0x85
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.13 F706:86 Std Output****4**

Description	Value
Index	0xF706 (Device)
Subindex	0x86
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.13 F706:87 Std Output**

**5**

Description	Value
Index	0xF706 (Device)
Subindex	0x87
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.13 F706:88 Std Output**

**6**

Description	Value
Index	0xF706 (Device)
Subindex	0x88
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.13 F706:89 Std Output**

**7**

Description	Value
Index	0xF706 (Device)
Subindex	0x89
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.13 F706:8A Std Output****8**

Description	Value
Index	0xF706 (Device)
Subindex	0x8A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.13 F706:8B Std Output****9**

Description	Value
Index	0xF706 (Device)
Subindex	0x8B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.14 F706:8C Std Output****0**

Description	Value
Index	0xF706 (Device)
Subindex	0x8C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.14 F706:8D Std Output

1

Description	Value
Index	0xF706 (Device)
Subindex	0x8D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.14 F706:8E Std Output

2

Description	Value
Index	0xF706 (Device)
Subindex	0x8E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.14 F706:8F Std Output

3

Description	Value
Index	0xF706 (Device)
Subindex	0x8F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.14 F706:90 Std Output****4**

Description	Value
Index	0xF706 (Device)
Subindex	0x90
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.14 F706:91 Std Output****5**

Description	Value
Index	0xF706 (Device)
Subindex	0x91
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.14 F706:92 Std Output****6**

Description	Value
Index	0xF706 (Device)
Subindex	0x92
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.14 F706:93 Std Output**

**7**

Description	Value
Index	0xF706 (Device)
Subindex	0x93
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.14 F706:94 Std Output**

**8**

Description	Value
Index	0xF706 (Device)
Subindex	0x94
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.14 F706:95 Std Output**

**9**

Description	Value
Index	0xF706 (Device)
Subindex	0x95
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.15 F706:96 Std Output****0**

Description	Value
Index	0xF706 (Device)
Subindex	0x96
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.15 F706:97 Std Output****1**

Description	Value
Index	0xF706 (Device)
Subindex	0x97
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.15 F706:98 Std Output****2**

Description	Value
Index	0xF706 (Device)
Subindex	0x98
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.221.15 F706:99 Std Output**

**3**

Description	Value
Index	0xF706 (Device)
Subindex	0x99
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.15 F706:9A Std Output**

**4**

Description	Value
Index	0xF706 (Device)
Subindex	0x9A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.15 F706:9B Std Output**

**5**

Description	Value
Index	0xF706 (Device)
Subindex	0x9B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.15 F706:9C Std Output****6**

Description	Value
Index	0xF706 (Device)
Subindex	0x9C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.15 F706:9D Std Output****7**

Description	Value
Index	0xF706 (Device)
Subindex	0x9D
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.15 F706:9E Std Output****8**

Description	Value
Index	0xF706 (Device)
Subindex	0x9E
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.15 F706:9F Std Output

**9**

Description	Value
Index	0xF706 (Device)
Subindex	0x9F
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.16 F706:A0 Std Output

**0**

Description	Value
Index	0xF706 (Device)
Subindex	0xA0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.16 F706:A1 Std Output

**1**

Description	Value
Index	0xF706 (Device)
Subindex	0xA1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.16 F706:A2 Std Output****2**

Description	Value
Index	0xF706 (Device)
Subindex	0xA2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.16 F706:A3 Std Output****3**

Description	Value
Index	0xF706 (Device)
Subindex	0xA3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.16 F706:A4 Std Output****4**

Description	Value
Index	0xF706 (Device)
Subindex	0xA4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.16 F706:A5 Std Output**

**5**

Description	Value
Index	0xF706 (Device)
Subindex	0xA5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.16 F706:A6 Std Output**

**6**

Description	Value
Index	0xF706 (Device)
Subindex	0xA6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.16 F706:A7 Std Output**

**7**

Description	Value
Index	0xF706 (Device)
Subindex	0xA7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.16 F706:A8 Std Output****8**

Description	Value
Index	0xF706 (Device)
Subindex	0xA8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.16 F706:A9 Std Output****9**

Description	Value
Index	0xF706 (Device)
Subindex	0xA9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.17 F706:AA Std Output****0**

Description	Value
Index	0xF706 (Device)
Subindex	0xAA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.17 F706:AB Std Output

1

Description	Value
Index	0xF706 (Device)
Subindex	0xAB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.17 F706:AC Std Output

2

Description	Value
Index	0xF706 (Device)
Subindex	0xAC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.221.17 F706:AD Std Output

3

Description	Value
Index	0xF706 (Device)
Subindex	0xAD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.17 F706:AE Std Output****4**

Description	Value
Index	0xF706 (Device)
Subindex	0xAE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.17 F706:AF Std Output****5**

Description	Value
Index	0xF706 (Device)
Subindex	0xAF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.17 F706:B0 Std Output****6**

Description	Value
Index	0xF706 (Device)
Subindex	0xB0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.221.17 F706:B1 Std Output**

**7**

Description	Value
Index	0xF706 (Device)
Subindex	0xB1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.17 F706:B2 Std Output**

**8**

Description	Value
Index	0xF706 (Device)
Subindex	0xB2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.17 F706:B3 Std Output**

**9**

Description	Value
Index	0xF706 (Device)
Subindex	0xB3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.18 F706:B4 Std Output****0**

Description	Value
Index	0xF706 (Device)
Subindex	0xB4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.18 F706:B5 Std Output****1**

Description	Value
Index	0xF706 (Device)
Subindex	0xB5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.18 F706:B6 Std Output****2**

Description	Value
Index	0xF706 (Device)
Subindex	0xB6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.18 F706:B7 Std Output**

**3**

Description	Value
Index	0xF706 (Device)
Subindex	0xB7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.18 F706:B8 Std Output**

**4**

Description	Value
Index	0xF706 (Device)
Subindex	0xB8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.18 F706:B9 Std Output**

**5**

Description	Value
Index	0xF706 (Device)
Subindex	0xB9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.18 F706:BA Std Output****6**

Description	Value
Index	0xF706 (Device)
Subindex	0xBA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.18 F706:BB Std Output****7**

Description	Value
Index	0xF706 (Device)
Subindex	0xBB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.18 F706:BC Std Output****8**

Description	Value
Index	0xF706 (Device)
Subindex	0xBC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.18 F706:BD Std Output**

**9**

Description	Value
Index	0xF706 (Device)
Subindex	0xBD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.19 F706:BE Std Output**

**0**

Description	Value
Index	0xF706 (Device)
Subindex	0xBE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.19 F706:BF Std Output**

**1**

Description	Value
Index	0xF706 (Device)
Subindex	0xBF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.19 F706:C0 Std Output****2**

Description	Value
Index	0xF706 (Device)
Subindex	0xC0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.19 F706:C1 Std Output****3**

Description	Value
Index	0xF706 (Device)
Subindex	0xC1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.19 F706:C2 Std Output****4**

Description	Value
Index	0xF706 (Device)
Subindex	0xC2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.19 F706:C3 Std Output**

**5**

Description	Value
Index	0xF706 (Device)
Subindex	0xC3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.19 F706:C4 Std Output**

**6**

Description	Value
Index	0xF706 (Device)
Subindex	0xC4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.19 F706:C5 Std Output**

**7**

Description	Value
Index	0xF706 (Device)
Subindex	0xC5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.19 F706:C6 Std Output****8**

Description	Value
Index	0xF706 (Device)
Subindex	0xC6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.19 F706:C7 Std Output****9**

Description	Value
Index	0xF706 (Device)
Subindex	0xC7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.20 F706:C8 Std Output****0**

Description	Value
Index	0xF706 (Device)
Subindex	0xC8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.221.20 F706:C9 Std Output**

**1**

Description	Value
Index	0xF706 (Device)
Subindex	0xC9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.20 F706:CA Std Output**

**2**

Description	Value
Index	0xF706 (Device)
Subindex	0xCA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.20 F706:CB Std Output**

**3**

Description	Value
Index	0xF706 (Device)
Subindex	0xCB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.20 F706:CC Std Output****4**

Description	Value
Index	0xF706 (Device)
Subindex	0xCC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.20 F706:CD Std Output****5**

Description	Value
Index	0xF706 (Device)
Subindex	0xCD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.20 F706:CE Std Output****6**

Description	Value
Index	0xF706 (Device)
Subindex	0xCE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.20 F706:CF Std Output**

**7**

Description	Value
Index	0xF706 (Device)
Subindex	0xCF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.20 F706:D0 Std Output**

**8**

Description	Value
Index	0xF706 (Device)
Subindex	0xD0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.20 F706:D1 Std Output**

**9**

Description	Value
Index	0xF706 (Device)
Subindex	0xD1
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.21 F706:D2 Std Output****0**

Description	Value
Index	0xF706 (Device)
Subindex	0xD2
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.21 F706:D3 Std Output****1**

Description	Value
Index	0xF706 (Device)
Subindex	0xD3
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.21 F706:D4 Std Output****2**

Description	Value
Index	0xF706 (Device)
Subindex	0xD4
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.21 F706:D5 Std Output**

**3**

Description	Value
Index	0xF706 (Device)
Subindex	0xD5
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.21 F706:D6 Std Output**

**4**

Description	Value
Index	0xF706 (Device)
Subindex	0xD6
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.21 F706:D7 Std Output**

**5**

Description	Value
Index	0xF706 (Device)
Subindex	0xD7
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.21 F706:D8 Std Output****6**

Description	Value
Index	0xF706 (Device)
Subindex	0xD8
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.21 F706:D9 Std Output****7**

Description	Value
Index	0xF706 (Device)
Subindex	0xD9
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.21 F706:DA Std Output****8**

Description	Value
Index	0xF706 (Device)
Subindex	0xDA
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.21 F706:DB Std Output**

**9**

Description	Value
Index	0xF706 (Device)
Subindex	0xDB
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.22 F706:DC Std Output**

**0**

Description	Value
Index	0xF706 (Device)
Subindex	0xDC
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.22 F706:DD Std Output**

**1**

Description	Value
Index	0xF706 (Device)
Subindex	0xDD
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.22 F706:DE Std Output****2**

Description	Value
Index	0xF706 (Device)
Subindex	0xDE
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.22 F706:DF Std Output****3**

Description	Value
Index	0xF706 (Device)
Subindex	0xDF
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.221.22 F706:E0 Std Output****4**

Description	Value
Index	0xF706 (Device)
Subindex	0xE0
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.222 F707:x FSOE Std UINT16 Outputs

Description	Value
Index	0xF707 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.222.1 F707:01 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.222.2 F707:02 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.3 F707:03 Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.4 F707:04 Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.5 F707:05 Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.222.6 F707:06 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.222.7 F707:07 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.222.8 F707:08 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.9 F707:09 Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.10 F707:0A Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.11 F707:0B Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.222.12 F707:0C Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.222.13 F707:0D Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.222.14 F707:0E Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.15 F707:0F Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.16 F707:10 Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.17 F707:11 Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.222.18 F707:12 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.222.19 F707:13 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.222.20 F707:14 Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.21 F707:15 Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.22 F707:16 Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.23 F707:17 Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.222.24 F707:18 Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.25 F707:19 Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.26 F707:1A Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.27 F707:1B Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.28 F707:1C Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.222.29 F707:1D Std Output**

Description	Value
Index	0xF707 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.222.30 F707:1E Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.222.31 F707:1F Std Output

Description	Value
Index	0xF707 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223 F708:x FSOE Std INT16 Outputs

Description	Value
Index	0xF708 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.223.1 F708:01 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.223.2 F708:02 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.3 F708:03 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x03
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.4 F708:04 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x04
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.5 F708:05 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x05
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.6 F708:06 Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x06
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.7 F708:07 Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x07
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.8 F708:08 Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x08
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.9 F708:09 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x09
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.10 F708:0A Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x0A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.11 F708:0B Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x0B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.12 F708:0C Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x0C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.13 F708:0D Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x0D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.14 F708:0E Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x0E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.223.15 F708:0F Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x0F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.16 F708:10 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x10
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.17 F708:11 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.18 F708:12 Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x12
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.19 F708:13 Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x13
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.20 F708:14 Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x14
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.21 F708:15 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x15
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.22 F708:16 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x16
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.23 F708:17 Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x17
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.24 F708:18 Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x18
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.25 F708:19 Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x19
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.26 F708:1A Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x1A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.27 F708:1B Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x1B
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.28 F708:1C Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x1C
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.223.29 F708:1D Std Output

Description	Value
Index	0xF708 (Device)
Subindex	0x1D
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.30 F708:1E Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x1E
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.223.31 F708:1F Std Output**

Description	Value
Index	0xF708 (Device)
Subindex	0x1F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.224 F709:x FSOE Std UINT32 Outputs

Description	Value
Index	0xF709 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.224.1 F709:01 Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.224.2 F709:02 Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.224.3 F709:03 Std Output**

Description	Value
Index	0xF709 (Device)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.224.4 F709:04 Std Output**

Description	Value
Index	0xF709 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.224.5 F709:05 Std Output**

Description	Value
Index	0xF709 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.224.6 F709:06 Std Output**

Description	Value
Index	0xF709 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.224.7 F709:07 Std Output**

Description	Value
Index	0xF709 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.224.8 F709:08 Std Output**

Description	Value
Index	0xF709 (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.224.9 F709:09 Std Output**

Description	Value
Index	0xF709 (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.224.10 F709:0A Std Output**

Description	Value
Index	0xF709 (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.224.11 F709:0B Std Output**

Description	Value
Index	0xF709 (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.224.12 F709:0C Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.224.13 F709:0D Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.224.14 F709:0E Std Output

Description	Value
Index	0xF709 (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.224.15 F709:0F Std Output**

Description	Value
Index	0xF709 (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.225 F70A:x FSOE Std INT32 Outputs

Description	Value
Index	0xF70A (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.225.1 F70A:01 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.225.2 F70A:02 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.225.3 F70A:03 Std Output**

Description	Value
Index	0xF70A (Device)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.225.4 F70A:04 Std Output**

Description	Value
Index	0xF70A (Device)
Subindex	0x04
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.225.5 F70A:05 Std Output**

Description	Value
Index	0xF70A (Device)
Subindex	0x05
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.225.6 F70A:06 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x06
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.225.7 F70A:07 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x07
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.225.8 F70A:08 Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x08
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.225.9 F70A:09 Std Output**

Description	Value
Index	0xF70A (Device)
Subindex	0x09
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.225.10 F70A:0A Std Output**

Description	Value
Index	0xF70A (Device)
Subindex	0x0A
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.225.11 F70A:0B Std Output**

Description	Value
Index	0xF70A (Device)
Subindex	0x0B
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.225.12 F70A:0C Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x0C
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.225.13 F70A:0D Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x0D
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.225.14 F70A:0E Std Output

Description	Value
Index	0xF70A (Device)
Subindex	0x0E
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.225.15 F70A:0F Std Output**

Description	Value
Index	0xF70A (Device)
Subindex	0x0F
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226 F70B:x FSOE Std UINT8 Outputs

Description	Value
Index	0xF70B (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	62 (0x3E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.226.1 F70B:01 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.226.2 F70B:02 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.3 F70B:03 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.4 F70B:04 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.5 F70B:05 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.6 F70B:06 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.7 F70B:07 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.8 F70B:08 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.9 F70B:09 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.10 F70B:0A Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.11 F70B:0B Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.12 F70B:0C Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.13 F70B:0D Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.14 F70B:0E Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.15 F70B:0F Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.16 F70B:10 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.17 F70B:11 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.226.18 F70B:12 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.19 F70B:13 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.20 F70B:14 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.21 F70B:15 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.22 F70B:16 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.23 F70B:17 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.24 F70B:18 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.25 F70B:19 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.26 F70B:1A Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.27 F70B:1B Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.28 F70B:1C Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.29 F70B:1D Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.30 F70B:1E Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.31 F70B:1F Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.32 F70B:20 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.33 F70B:21 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.34 F70B:22 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.35 F70B:23 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.36 F70B:24 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.37 F70B:25 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.38 F70B:26 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.39 F70B:27 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.40 F70B:28 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.41 F70B:29 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.226.42 F70B:2A Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.43 F70B:2B Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.44 F70B:2C Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.45 F70B:2D Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.46 F70B:2E Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.47 F70B:2F Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.48 F70B:30 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.49 F70B:31 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.50 F70B:32 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.51 F70B:33 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.52 F70B:34 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.53 F70B:35 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.54 F70B:36 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.55 F70B:37 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.56 F70B:38 Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.57 F70B:39 Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.58 F70B:3A Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.226.59 F70B:3B Std Output**

Description	Value
Index	0xF70B (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.60 F70B:3C Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.61 F70B:3D Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.226.62 F70B:3E Std Output

Description	Value
Index	0xF70B (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227 F70C:x FSOE Safe UINT8 Outputs

Description	Value
Index	0xF70C (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	62 (0x3E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.227.1 F70C:01 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

#### 3.227.2 F70C:02 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.227.3 F70C:03 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.4 F70C:04 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.5 F70C:05 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.6 F70C:06 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.7 F70C:07 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.8 F70C:08 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.9 F70C:09 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.10 F70C:0A Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.11 F70C:0B Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.12 F70C:0C Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.13 F70C:0D Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.14 F70C:0E Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.15 F70C:0F Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.16 F70C:10 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.17 F70C:11 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.18 F70C:12 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.19 F70C:13 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.20 F70C:14 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.21 F70C:15 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.22 F70C:16 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.23 F70C:17 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.24 F70C:18 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.25 F70C:19 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.26 F70C:1A Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



**3.227.27 F70C:1B Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.28 F70C:1C Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.29 F70C:1D Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.30 F70C:1E Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.31 F70C:1F Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.32 F70C:20 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.33 F70C:21 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.34 F70C:22 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.35 F70C:23 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.36 F70C:24 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.37 F70C:25 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.38 F70C:26 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.39 F70C:27 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.40 F70C:28 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.41 F70C:29 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x29
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.42 F70C:2A Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x2A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.43 F70C:2B Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.44 F70C:2C Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x2C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.45 F70C:2D Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x2D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.46 F70C:2E Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.47 F70C:2F Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x2F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.48 F70C:30 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x30
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.49 F70C:31 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.50 F70C:32 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x32
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



### 3.227.51 F70C:33 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x33
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.52 F70C:34 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.53 F70C:35 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x35
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.54 F70C:36 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x36
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.55 F70C:37 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.56 F70C:38 Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x38
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.57 F70C:39 Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x39
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.58 F70C:3A Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.227.59 F70C:3B Safe Output

Description	Value
Index	0xF70C (Device)
Subindex	0x3B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.60 F70C:3C Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x3C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.61 F70C:3D Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

**3.227.62 F70C:3E Safe Output**

Description	Value
Index	0xF70C (Device)
Subindex	0x3E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.228 F788 Standard Inputs

Description	Value
Index	0xF788 (Device)
Subindex	0x00
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 3.229 F980:x Safe Address

Description	Value
Index	0xF980 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.229.1 F980:01 FSoE Address

Description	Value
Index	0xF980 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.229.2 F980:02 Serial Number

Description	Value
Index	0xF980 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.229.3 F980:03 Project CRC

Description	Value
Index	0xF980 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit
Revision	All

### 3.229.4 F980:04 Default Project CRC

Description	Value
Index	0xF980 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.230 F981:x CTRL Info data

Description	Value
Index	0xF981 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.230.1 F981:01 Project Download Counter

Description	Value
Index	0xF981 (Device)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.230.2 F981:02 Maximum Project Download Counter

Description	Value
Index	0xF981 (Device)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.231 F984:x Device Info Data C1

Description	Value
Index	0xF984 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.231.1 F984:01 Voltage C2

Description	Value
Index	0xF984 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.231.2 F984:02 Temperature C1

Description	Value
Index	0xF984 (Device)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.231.3 F984:03 Firmware CRC C1**

Description	Value
Index	0xF984 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.231.4 F984:04 Vendordata CRC C1**

Description	Value
Index	0xF984 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.231.5 F984:05 Calibrationdata CRC C1**

Description	Value
Index	0xF984 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.232 F985:x Device Info Data C2

Description	Value
Index	0xF985 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.232.1 F985:01 Voltage C1

Description	Value
Index	0xF985 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.232.2 F985:02 Temperature C2

Description	Value
Index	0xF985 (Device)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.232.3 F985:03 Firmware CRC C2**

Description	Value
Index	0xF985 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.232.4 F985:04 Vendordata CRC C2**

Description	Value
Index	0xF985 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.232.5 F985:05 Calibrationdata CRC C2**

Description	Value
Index	0xF985 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233 F988:x FB 1-255 Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.233.1 F988:01 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.233.2 F988:02 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.3 F988:03 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.4 F988:04 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.5 F988:05 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.6 F988:06 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.7 F988:07 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.8 F988:08 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.9 F988:09 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.10 F988:0A FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.11 F988:0B FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.233.12 F988:0C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.13 F988:0D FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.14 F988:0E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.15 F988:0F FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.16 F988:10 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.17 F988:11 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.18 F988:12 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.19 F988:13 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.20 F988:14 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.21 F988:15 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.22 F988:16 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.23 F988:17 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.24 F988:18 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.25 F988:19 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.26 F988:1A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.27 F988:1B FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.28 F988:1C FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.29 F988:1D FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.30 F988:1E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.31 F988:1F FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.32 F988:20 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.33 F988:21 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.34 F988:22 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.35 F988:23 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.233.36 F988:24 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.37 F988:25 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.38 F988:26 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.39 F988:27 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.40 F988:28 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.41 F988:29 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.42 F988:2A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.43 F988:2B FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.44 F988:2C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.45 F988:2D FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.46 F988:2E FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.47 F988:2F FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.48 F988:30 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.49 F988:31 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.50 F988:32 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.51 F988:33 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.52 F988:34 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.53 F988:35 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.54 F988:36 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.55 F988:37 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.56 F988:38 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.57 F988:39 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.58 F988:3A FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.59 F988:3B FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.233.60 F988:3C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.61 F988:3D FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.62 F988:3E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.63 F988:3F FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.64 F988:40 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.65 F988:41 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.66 F988:42 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.67 F988:43 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.68 F988:44 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.69 F988:45 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.70 F988:46 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.71 F988:47 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.72 F988:48 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.73 F988:49 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.74 F988:4A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.75 F988:4B FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.76 F988:4C FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.77 F988:4D FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.78 F988:4E FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.79 F988:4F FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.80 F988:50 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.81 F988:51 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.82 F988:52 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.83 F988:53 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.233.84 F988:54 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.85 F988:55 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.86 F988:56 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.87 F988:57 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.88 F988:58 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.89 F988:59 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.90 F988:5A FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.91 F988:5B FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.92 F988:5C FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.93 F988:5D FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.94 F988:5E FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.95 F988:5F FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.96 F988:60 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.97 F988:61 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.98 F988:62 FB Inputs

Description	Value
Index	0xF988 (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.99 F988:63 FB Inputs**

Description	Value
Index	0xF988 (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.10 F988:64 FB Inputs****0**

Description	Value
Index	0xF988 (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.10 F988:65 FB Inputs****1**

Description	Value
Index	0xF988 (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.10 F988:66 FB Inputs**

**2**

Description	Value
Index	0xF988 (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.10 F988:67 FB Inputs**

**3**

Description	Value
Index	0xF988 (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.10 F988:68 FB Inputs**

**4**

Description	Value
Index	0xF988 (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.10 F988:69 FB Inputs****5**

Description	Value
Index	0xF988 (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.10 F988:6A FB Inputs****6**

Description	Value
Index	0xF988 (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.10 F988:6B FB Inputs****7**

Description	Value
Index	0xF988 (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.233.10 F988:6C FB Inputs**

**8**

Description	Value
Index	0xF988 (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.10 F988:6D FB Inputs**

**9**

Description	Value
Index	0xF988 (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.11 F988:6E FB Inputs**

**0**

Description	Value
Index	0xF988 (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.11 F988:6F FB Inputs****1**

Description	Value
Index	0xF988 (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.11 F988:70 FB Inputs****2**

Description	Value
Index	0xF988 (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.11 F988:71 FB Inputs****3**

Description	Value
Index	0xF988 (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.11 F988:72 FB Inputs**

**4**

Description	Value
Index	0xF988 (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.11 F988:73 FB Inputs**

**5**

Description	Value
Index	0xF988 (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.11 F988:74 FB Inputs**

**6**

Description	Value
Index	0xF988 (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.11 F988:75 FB Inputs****7**

Description	Value
Index	0xF988 (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.11 F988:76 FB Inputs****8**

Description	Value
Index	0xF988 (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.11 F988:77 FB Inputs****9**

Description	Value
Index	0xF988 (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.12 F988:78 FB Inputs**

**0**

Description	Value
Index	0xF988 (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.12 F988:79 FB Inputs**

**1**

Description	Value
Index	0xF988 (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.12 F988:7A FB Inputs**

**2**

Description	Value
Index	0xF988 (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.12 F988:7B FB Inputs****3**

Description	Value
Index	0xF988 (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.12 F988:7C FB Inputs****4**

Description	Value
Index	0xF988 (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.12 F988:7D FB Inputs****5**

Description	Value
Index	0xF988 (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.12 F988:7E FB Inputs**

**6**

Description	Value
Index	0xF988 (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.12 F988:7F FB Inputs**

**7**

Description	Value
Index	0xF988 (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.12 F988:80 FB Inputs**

**8**

Description	Value
Index	0xF988 (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.12 F988:81 FB Inputs****9**

Description	Value
Index	0xF988 (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.13 F988:82 FB Inputs****0**

Description	Value
Index	0xF988 (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.13 F988:83 FB Inputs****1**

Description	Value
Index	0xF988 (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.233.13 F988:84 FB Inputs**

**2**

Description	Value
Index	0xF988 (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.13 F988:85 FB Inputs**

**3**

Description	Value
Index	0xF988 (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.13 F988:86 FB Inputs**

**4**

Description	Value
Index	0xF988 (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.13 F988:87 FB Inputs****5**

Description	Value
Index	0xF988 (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.13 F988:88 FB Inputs****6**

Description	Value
Index	0xF988 (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.13 F988:89 FB Inputs****7**

Description	Value
Index	0xF988 (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.13 F988:8A FB Inputs

**8**

Description	Value
Index	0xF988 (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.13 F988:8B FB Inputs

**9**

Description	Value
Index	0xF988 (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.14 F988:8C FB Inputs

**0**

Description	Value
Index	0xF988 (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.14 F988:8D FB Inputs****1**

Description	Value
Index	0xF988 (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.14 F988:8E FB Inputs****2**

Description	Value
Index	0xF988 (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.14 F988:8F FB Inputs****3**

Description	Value
Index	0xF988 (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.14 F988:90 FB Inputs**

**4**

Description	Value
Index	0xF988 (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.14 F988:91 FB Inputs**

**5**

Description	Value
Index	0xF988 (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.14 F988:92 FB Inputs**

**6**

Description	Value
Index	0xF988 (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.14 F988:93 FB Inputs****7**

Description	Value
Index	0xF988 (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.14 F988:94 FB Inputs****8**

Description	Value
Index	0xF988 (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.14 F988:95 FB Inputs****9**

Description	Value
Index	0xF988 (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.15 F988:96 FB Inputs**

**0**

Description	Value
Index	0xF988 (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.15 F988:97 FB Inputs**

**1**

Description	Value
Index	0xF988 (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.15 F988:98 FB Inputs**

**2**

Description	Value
Index	0xF988 (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.15 F988:99 FB Inputs****3**

Description	Value
Index	0xF988 (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.15 F988:9A FB Inputs****4**

Description	Value
Index	0xF988 (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.15 F988:9B FB Inputs****5**

Description	Value
Index	0xF988 (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.233.15 F988:9C FB Inputs**

**6**

Description	Value
Index	0xF988 (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.15 F988:9D FB Inputs**

**7**

Description	Value
Index	0xF988 (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.15 F988:9E FB Inputs**

**8**

Description	Value
Index	0xF988 (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.15 F988:9F FB Inputs****9**

Description	Value
Index	0xF988 (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.16 F988:A0 FB Inputs****0**

Description	Value
Index	0xF988 (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.16 F988:A1 FB Inputs****1**

Description	Value
Index	0xF988 (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.16 F988:A2 FB Inputs**

**2**

Description	Value
Index	0xF988 (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.16 F988:A3 FB Inputs**

**3**

Description	Value
Index	0xF988 (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.16 F988:A4 FB Inputs**

**4**

Description	Value
Index	0xF988 (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.16 F988:A5 FB Inputs****5**

Description	Value
Index	0xF988 (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.16 F988:A6 FB Inputs****6**

Description	Value
Index	0xF988 (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.16 F988:A7 FB Inputs****7**

Description	Value
Index	0xF988 (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.16 F988:A8 FB Inputs**

**8**

Description	Value
Index	0xF988 (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.16 F988:A9 FB Inputs**

**9**

Description	Value
Index	0xF988 (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.17 F988:AA FB Inputs**

**0**

Description	Value
Index	0xF988 (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.17 F988:AB FB Inputs****1**

Description	Value
Index	0xF988 (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.17 F988:AC FB Inputs****2**

Description	Value
Index	0xF988 (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.17 F988:AD FB Inputs****3**

Description	Value
Index	0xF988 (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.17 F988:AE FB Inputs

#### 4

Description	Value
Index	0xF988 (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.17 F988:AF FB Inputs

#### 5

Description	Value
Index	0xF988 (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.17 F988:B0 FB Inputs

#### 6

Description	Value
Index	0xF988 (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.17 F988:B1 FB Inputs****7**

Description	Value
Index	0xF988 (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.17 F988:B2 FB Inputs****8**

Description	Value
Index	0xF988 (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.17 F988:B3 FB Inputs****9**

Description	Value
Index	0xF988 (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.233.18 F988:B4 FB Inputs**

**0**

Description	Value
Index	0xF988 (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.18 F988:B5 FB Inputs**

**1**

Description	Value
Index	0xF988 (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.18 F988:B6 FB Inputs**

**2**

Description	Value
Index	0xF988 (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.18 F988:B7 FB Inputs****3**

Description	Value
Index	0xF988 (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.18 F988:B8 FB Inputs****4**

Description	Value
Index	0xF988 (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.18 F988:B9 FB Inputs****5**

Description	Value
Index	0xF988 (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.18 F988:BA FB Inputs**

**6**

Description	Value
Index	0xF988 (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.18 F988:BB FB Inputs**

**7**

Description	Value
Index	0xF988 (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.18 F988:BC FB Inputs**

**8**

Description	Value
Index	0xF988 (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.18 F988:BD FB Inputs****9**

Description	Value
Index	0xF988 (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.19 F988:BE FB Inputs****0**

Description	Value
Index	0xF988 (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.19 F988:BF FB Inputs****1**

Description	Value
Index	0xF988 (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.19 F988:C0 FB Inputs**

**2**

Description	Value
Index	0xF988 (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.19 F988:C1 FB Inputs**

**3**

Description	Value
Index	0xF988 (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.19 F988:C2 FB Inputs**

**4**

Description	Value
Index	0xF988 (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.19 F988:C3 FB Inputs****5**

Description	Value
Index	0xF988 (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.19 F988:C4 FB Inputs****6**

Description	Value
Index	0xF988 (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.19 F988:C5 FB Inputs****7**

Description	Value
Index	0xF988 (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.19 F988:C6 FB Inputs**

**8**

Description	Value
Index	0xF988 (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.19 F988:C7 FB Inputs**

**9**

Description	Value
Index	0xF988 (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.20 F988:C8 FB Inputs**

**0**

Description	Value
Index	0xF988 (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.20 F988:C9 FB Inputs****1**

Description	Value
Index	0xF988 (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.20 F988:CA FB Inputs****2**

Description	Value
Index	0xF988 (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.20 F988:CB FB Inputs****3**

Description	Value
Index	0xF988 (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.233.20 F988:CC FB Inputs**

**4**

Description	Value
Index	0xF988 (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.20 F988:CD FB Inputs**

**5**

Description	Value
Index	0xF988 (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.20 F988:CE FB Inputs**

**6**

Description	Value
Index	0xF988 (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.20 F988:CF FB Inputs****7**

Description	Value
Index	0xF988 (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.20 F988:D0 FB Inputs****8**

Description	Value
Index	0xF988 (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.20 F988:D1 FB Inputs****9**

Description	Value
Index	0xF988 (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.21 F988:D2 FB Inputs**

**0**

Description	Value
Index	0xF988 (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.21 F988:D3 FB Inputs**

**1**

Description	Value
Index	0xF988 (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.21 F988:D4 FB Inputs**

**2**

Description	Value
Index	0xF988 (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.21 F988:D5 FB Inputs****3**

Description	Value
Index	0xF988 (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.21 F988:D6 FB Inputs****4**

Description	Value
Index	0xF988 (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.21 F988:D7 FB Inputs****5**

Description	Value
Index	0xF988 (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.21 F988:D8 FB Inputs**

**6**

Description	Value
Index	0xF988 (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.21 F988:D9 FB Inputs**

**7**

Description	Value
Index	0xF988 (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.21 F988:DA FB Inputs**

**8**

Description	Value
Index	0xF988 (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.21 F988:DB FB Inputs****9**

Description	Value
Index	0xF988 (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.22 F988:DC FB Inputs****0**

Description	Value
Index	0xF988 (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.22 F988:DD FB Inputs****1**

Description	Value
Index	0xF988 (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.22 F988:DE FB Inputs

#### 2

Description	Value
Index	0xF988 (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.22 F988:DF FB Inputs

#### 3

Description	Value
Index	0xF988 (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.233.22 F988:E0 FB Inputs

#### 4

Description	Value
Index	0xF988 (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.22 F988:E1 FB Inputs****5**

Description	Value
Index	0xF988 (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.22 F988:E2 FB Inputs****6**

Description	Value
Index	0xF988 (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.22 F988:E3 FB Inputs****7**

Description	Value
Index	0xF988 (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.233.22 F988:E4 FB Inputs**

**8**

Description	Value
Index	0xF988 (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.22 F988:E5 FB Inputs**

**9**

Description	Value
Index	0xF988 (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.23 F988:E6 FB Inputs**

**0**

Description	Value
Index	0xF988 (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.23 F988:E7 FB Inputs****1**

Description	Value
Index	0xF988 (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.23 F988:E8 FB Inputs****2**

Description	Value
Index	0xF988 (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.23 F988:E9 FB Inputs****3**

Description	Value
Index	0xF988 (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.23 F988:EA FB Inputs**

**4**

Description	Value
Index	0xF988 (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.23 F988:EB FB Inputs**

**5**

Description	Value
Index	0xF988 (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.23 F988:EC FB Inputs**

**6**

Description	Value
Index	0xF988 (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.23 F988:ED FB Inputs****7**

Description	Value
Index	0xF988 (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.23 F988:EE FB Inputs****8**

Description	Value
Index	0xF988 (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.23 F988:EF FB Inputs****9**

Description	Value
Index	0xF988 (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.24 F988:F0 FB Inputs**

**0**

Description	Value
Index	0xF988 (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.24 F988:F1 FB Inputs**

**1**

Description	Value
Index	0xF988 (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.24 F988:F2 FB Inputs**

**2**

Description	Value
Index	0xF988 (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.24 F988:F3 FB Inputs****3**

Description	Value
Index	0xF988 (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.24 F988:F4 FB Inputs****4**

Description	Value
Index	0xF988 (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.24 F988:F5 FB Inputs****5**

Description	Value
Index	0xF988 (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.24 F988:F6 FB Inputs**

**6**

Description	Value
Index	0xF988 (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.24 F988:F7 FB Inputs**

**7**

Description	Value
Index	0xF988 (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.24 F988:F8 FB Inputs**

**8**

Description	Value
Index	0xF988 (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.24 F988:F9 FB Inputs****9**

Description	Value
Index	0xF988 (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.25 F988:FA FB Inputs****0**

Description	Value
Index	0xF988 (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.25 F988:FB FB Inputs****1**

Description	Value
Index	0xF988 (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.233.25 F988:FC FB Inputs**

**2**

Description	Value
Index	0xF988 (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.25 F988:FD FB Inputs**

**3**

Description	Value
Index	0xF988 (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.25 F988:FE FB Inputs**

**4**

Description	Value
Index	0xF988 (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.233.25 F988:FF FB Inputs****5**

Description	Value
Index	0xF988 (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234 F989:x FB 256-510 Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.234.1 F989:01 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.234.2 F989:02 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.3 F989:03 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.4 F989:04 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.5 F989:05 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.6 F989:06 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.7 F989:07 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.8 F989:08 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.9 F989:09 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.10 F989:0A FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.11 F989:0B FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.12 F989:0C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.13 F989:0D FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.14 F989:0E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.15 F989:0F FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.16 F989:10 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.17 F989:11 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.234.18 F989:12 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.19 F989:13 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.20 F989:14 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.21 F989:15 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.22 F989:16 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.23 F989:17 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.24 F989:18 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.25 F989:19 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.26 F989:1A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.27 F989:1B FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.28 F989:1C FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.29 F989:1D FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.30 F989:1E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.31 F989:1F FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.32 F989:20 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.33 F989:21 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.34 F989:22 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.35 F989:23 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.36 F989:24 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.37 F989:25 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.38 F989:26 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.39 F989:27 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.40 F989:28 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.41 F989:29 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.234.42 F989:2A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.43 F989:2B FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.44 F989:2C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.45 F989:2D FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.46 F989:2E FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.47 F989:2F FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.48 F989:30 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.49 F989:31 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.50 F989:32 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.51 F989:33 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.52 F989:34 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.53 F989:35 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.54 F989:36 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.55 F989:37 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.56 F989:38 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.57 F989:39 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.58 F989:3A FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.59 F989:3B FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.60 F989:3C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.61 F989:3D FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.62 F989:3E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.63 F989:3F FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.64 F989:40 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.65 F989:41 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.234.66 F989:42 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.67 F989:43 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.68 F989:44 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.69 F989:45 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.70 F989:46 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.71 F989:47 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.72 F989:48 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.73 F989:49 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.74 F989:4A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.75 F989:4B FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.76 F989:4C FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.77 F989:4D FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.78 F989:4E FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.79 F989:4F FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.80 F989:50 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.81 F989:51 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.82 F989:52 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.83 F989:53 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.84 F989:54 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.85 F989:55 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.86 F989:56 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.87 F989:57 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.88 F989:58 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.89 F989:59 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.234.90 F989:5A FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.91 F989:5B FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.92 F989:5C FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.93 F989:5D FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.94 F989:5E FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.95 F989:5F FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.96 F989:60 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.97 F989:61 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.234.98 F989:62 FB Inputs

Description	Value
Index	0xF989 (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.99 F989:63 FB Inputs**

Description	Value
Index	0xF989 (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.10 F989:64 FB Inputs****0**

Description	Value
Index	0xF989 (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.10 F989:65 FB Inputs****1**

Description	Value
Index	0xF989 (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.10 F989:66 FB Inputs**

**2**

Description	Value
Index	0xF989 (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.10 F989:67 FB Inputs**

**3**

Description	Value
Index	0xF989 (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.10 F989:68 FB Inputs**

**4**

Description	Value
Index	0xF989 (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.10 F989:69 FB Inputs****5**

Description	Value
Index	0xF989 (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.10 F989:6A FB Inputs****6**

Description	Value
Index	0xF989 (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.10 F989:6B FB Inputs****7**

Description	Value
Index	0xF989 (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.10 F989:6C FB Inputs**

**8**

Description	Value
Index	0xF989 (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.10 F989:6D FB Inputs**

**9**

Description	Value
Index	0xF989 (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.11 F989:6E FB Inputs**

**0**

Description	Value
Index	0xF989 (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.11 F989:6F FB Inputs****1**

Description	Value
Index	0xF989 (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.11 F989:70 FB Inputs****2**

Description	Value
Index	0xF989 (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.11 F989:71 FB Inputs****3**

Description	Value
Index	0xF989 (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.234.11 F989:72 FB Inputs**

**4**

Description	Value
Index	0xF989 (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.11 F989:73 FB Inputs**

**5**

Description	Value
Index	0xF989 (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.11 F989:74 FB Inputs**

**6**

Description	Value
Index	0xF989 (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.11 F989:75 FB Inputs****7**

Description	Value
Index	0xF989 (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.11 F989:76 FB Inputs****8**

Description	Value
Index	0xF989 (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.11 F989:77 FB Inputs****9**

Description	Value
Index	0xF989 (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.12 F989:78 FB Inputs**

**0**

Description	Value
Index	0xF989 (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.12 F989:79 FB Inputs**

**1**

Description	Value
Index	0xF989 (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.12 F989:7A FB Inputs**

**2**

Description	Value
Index	0xF989 (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.12 F989:7B FB Inputs****3**

Description	Value
Index	0xF989 (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.12 F989:7C FB Inputs****4**

Description	Value
Index	0xF989 (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.12 F989:7D FB Inputs****5**

Description	Value
Index	0xF989 (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.12 F989:7E FB Inputs**

**6**

Description	Value
Index	0xF989 (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.12 F989:7F FB Inputs**

**7**

Description	Value
Index	0xF989 (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.12 F989:80 FB Inputs**

**8**

Description	Value
Index	0xF989 (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.12 F989:81 FB Inputs****9**

Description	Value
Index	0xF989 (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.13 F989:82 FB Inputs****0**

Description	Value
Index	0xF989 (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.13 F989:83 FB Inputs****1**

Description	Value
Index	0xF989 (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.13 F989:84 FB Inputs**

**2**

Description	Value
Index	0xF989 (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.13 F989:85 FB Inputs**

**3**

Description	Value
Index	0xF989 (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.13 F989:86 FB Inputs**

**4**

Description	Value
Index	0xF989 (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.13 F989:87 FB Inputs****5**

Description	Value
Index	0xF989 (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.13 F989:88 FB Inputs****6**

Description	Value
Index	0xF989 (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.13 F989:89 FB Inputs****7**

Description	Value
Index	0xF989 (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.234.13 F989:8A FB Inputs**

**8**

Description	Value
Index	0xF989 (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.13 F989:8B FB Inputs**

**9**

Description	Value
Index	0xF989 (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.14 F989:8C FB Inputs**

**0**

Description	Value
Index	0xF989 (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.14 F989:8D FB Inputs****1**

Description	Value
Index	0xF989 (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.14 F989:8E FB Inputs****2**

Description	Value
Index	0xF989 (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.14 F989:8F FB Inputs****3**

Description	Value
Index	0xF989 (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.14 F989:90 FB Inputs**

**4**

Description	Value
Index	0xF989 (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.14 F989:91 FB Inputs**

**5**

Description	Value
Index	0xF989 (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.14 F989:92 FB Inputs**

**6**

Description	Value
Index	0xF989 (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.14 F989:93 FB Inputs****7**

Description	Value
Index	0xF989 (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.14 F989:94 FB Inputs****8**

Description	Value
Index	0xF989 (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.14 F989:95 FB Inputs****9**

Description	Value
Index	0xF989 (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.15 F989:96 FB Inputs**

**0**

Description	Value
Index	0xF989 (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.15 F989:97 FB Inputs**

**1**

Description	Value
Index	0xF989 (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.15 F989:98 FB Inputs**

**2**

Description	Value
Index	0xF989 (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.15 F989:99 FB Inputs****3**

Description	Value
Index	0xF989 (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.15 F989:9A FB Inputs****4**

Description	Value
Index	0xF989 (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.15 F989:9B FB Inputs****5**

Description	Value
Index	0xF989 (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.15 F989:9C FB Inputs**

**6**

Description	Value
Index	0xF989 (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.15 F989:9D FB Inputs**

**7**

Description	Value
Index	0xF989 (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.15 F989:9E FB Inputs**

**8**

Description	Value
Index	0xF989 (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.15 F989:9F FB Inputs****9**

Description	Value
Index	0xF989 (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.16 F989:A0 FB Inputs****0**

Description	Value
Index	0xF989 (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.16 F989:A1 FB Inputs****1**

Description	Value
Index	0xF989 (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.234.16 F989:A2 FB Inputs**

**2**

Description	Value
Index	0xF989 (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.16 F989:A3 FB Inputs**

**3**

Description	Value
Index	0xF989 (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.16 F989:A4 FB Inputs**

**4**

Description	Value
Index	0xF989 (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.16 F989:A5 FB Inputs****5**

Description	Value
Index	0xF989 (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.16 F989:A6 FB Inputs****6**

Description	Value
Index	0xF989 (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.16 F989:A7 FB Inputs****7**

Description	Value
Index	0xF989 (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.16 F989:A8 FB Inputs**

**8**

Description	Value
Index	0xF989 (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.16 F989:A9 FB Inputs**

**9**

Description	Value
Index	0xF989 (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.17 F989:AA FB Inputs**

**0**

Description	Value
Index	0xF989 (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.17 F989:AB FB Inputs****1**

Description	Value
Index	0xF989 (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.17 F989:AC FB Inputs****2**

Description	Value
Index	0xF989 (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.17 F989:AD FB Inputs****3**

Description	Value
Index	0xF989 (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.17 F989:AE FB Inputs**

**4**

Description	Value
Index	0xF989 (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.17 F989:AF FB Inputs**

**5**

Description	Value
Index	0xF989 (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.17 F989:B0 FB Inputs**

**6**

Description	Value
Index	0xF989 (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.17 F989:B1 FB Inputs****7**

Description	Value
Index	0xF989 (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.17 F989:B2 FB Inputs****8**

Description	Value
Index	0xF989 (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.17 F989:B3 FB Inputs****9**

Description	Value
Index	0xF989 (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.18 F989:B4 FB Inputs**

**0**

Description	Value
Index	0xF989 (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.18 F989:B5 FB Inputs**

**1**

Description	Value
Index	0xF989 (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.18 F989:B6 FB Inputs**

**2**

Description	Value
Index	0xF989 (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.18 F989:B7 FB Inputs****3**

Description	Value
Index	0xF989 (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.18 F989:B8 FB Inputs****4**

Description	Value
Index	0xF989 (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.18 F989:B9 FB Inputs****5**

Description	Value
Index	0xF989 (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.234.18 F989:BA FB Inputs**

**6**

Description	Value
Index	0xF989 (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.18 F989:BB FB Inputs**

**7**

Description	Value
Index	0xF989 (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.18 F989:BC FB Inputs**

**8**

Description	Value
Index	0xF989 (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.18 F989:BD FB Inputs****9**

Description	Value
Index	0xF989 (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.19 F989:BE FB Inputs****0**

Description	Value
Index	0xF989 (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.19 F989:BF FB Inputs****1**

Description	Value
Index	0xF989 (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.19 F989:C0 FB Inputs**

**2**

Description	Value
Index	0xF989 (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.19 F989:C1 FB Inputs**

**3**

Description	Value
Index	0xF989 (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.19 F989:C2 FB Inputs**

**4**

Description	Value
Index	0xF989 (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.19 F989:C3 FB Inputs****5**

Description	Value
Index	0xF989 (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.19 F989:C4 FB Inputs****6**

Description	Value
Index	0xF989 (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.19 F989:C5 FB Inputs****7**

Description	Value
Index	0xF989 (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.19 F989:C6 FB Inputs**

**8**

Description	Value
Index	0xF989 (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.19 F989:C7 FB Inputs**

**9**

Description	Value
Index	0xF989 (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.20 F989:C8 FB Inputs**

**0**

Description	Value
Index	0xF989 (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.20 F989:C9 FB Inputs****1**

Description	Value
Index	0xF989 (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.20 F989:CA FB Inputs****2**

Description	Value
Index	0xF989 (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.20 F989:CB FB Inputs****3**

Description	Value
Index	0xF989 (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.20 F989:CC FB Inputs**

**4**

Description	Value
Index	0xF989 (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.20 F989:CD FB Inputs**

**5**

Description	Value
Index	0xF989 (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.20 F989:CE FB Inputs**

**6**

Description	Value
Index	0xF989 (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.20 F989:CF FB Inputs****7**

Description	Value
Index	0xF989 (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.20 F989:D0 FB Inputs****8**

Description	Value
Index	0xF989 (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.20 F989:D1 FB Inputs****9**

Description	Value
Index	0xF989 (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.234.21 F989:D2 FB Inputs**

**0**

Description	Value
Index	0xF989 (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.21 F989:D3 FB Inputs**

**1**

Description	Value
Index	0xF989 (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.21 F989:D4 FB Inputs**

**2**

Description	Value
Index	0xF989 (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.21 F989:D5 FB Inputs****3**

Description	Value
Index	0xF989 (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.21 F989:D6 FB Inputs****4**

Description	Value
Index	0xF989 (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.21 F989:D7 FB Inputs****5**

Description	Value
Index	0xF989 (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.21 F989:D8 FB Inputs**

**6**

Description	Value
Index	0xF989 (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.21 F989:D9 FB Inputs**

**7**

Description	Value
Index	0xF989 (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.21 F989:DA FB Inputs**

**8**

Description	Value
Index	0xF989 (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.21 F989:DB FB Inputs****9**

Description	Value
Index	0xF989 (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.22 F989:DC FB Inputs****0**

Description	Value
Index	0xF989 (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.22 F989:DD FB Inputs****1**

Description	Value
Index	0xF989 (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.22 F989:DE FB Inputs**

**2**

Description	Value
Index	0xF989 (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.22 F989:DF FB Inputs**

**3**

Description	Value
Index	0xF989 (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.22 F989:E0 FB Inputs**

**4**

Description	Value
Index	0xF989 (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.22 F989:E1 FB Inputs****5**

Description	Value
Index	0xF989 (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.22 F989:E2 FB Inputs****6**

Description	Value
Index	0xF989 (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.22 F989:E3 FB Inputs****7**

Description	Value
Index	0xF989 (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.22 F989:E4 FB Inputs**

**8**

Description	Value
Index	0xF989 (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.22 F989:E5 FB Inputs**

**9**

Description	Value
Index	0xF989 (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.23 F989:E6 FB Inputs**

**0**

Description	Value
Index	0xF989 (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.23 F989:E7 FB Inputs****1**

Description	Value
Index	0xF989 (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.23 F989:E8 FB Inputs****2**

Description	Value
Index	0xF989 (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.23 F989:E9 FB Inputs****3**

Description	Value
Index	0xF989 (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.234.23 F989:EA FB Inputs**

**4**

Description	Value
Index	0xF989 (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.23 F989:EB FB Inputs**

**5**

Description	Value
Index	0xF989 (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.23 F989:EC FB Inputs**

**6**

Description	Value
Index	0xF989 (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.23 F989:ED FB Inputs****7**

Description	Value
Index	0xF989 (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.23 F989:EE FB Inputs****8**

Description	Value
Index	0xF989 (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.23 F989:EF FB Inputs****9**

Description	Value
Index	0xF989 (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.24 F989:F0 FB Inputs**

**0**

Description	Value
Index	0xF989 (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.24 F989:F1 FB Inputs**

**1**

Description	Value
Index	0xF989 (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.24 F989:F2 FB Inputs**

**2**

Description	Value
Index	0xF989 (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.24 F989:F3 FB Inputs****3**

Description	Value
Index	0xF989 (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.24 F989:F4 FB Inputs****4**

Description	Value
Index	0xF989 (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.24 F989:F5 FB Inputs****5**

Description	Value
Index	0xF989 (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.24 F989:F6 FB Inputs**

**6**

Description	Value
Index	0xF989 (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.24 F989:F7 FB Inputs**

**7**

Description	Value
Index	0xF989 (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.24 F989:F8 FB Inputs**

**8**

Description	Value
Index	0xF989 (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.24 F989:F9 FB Inputs****9**

Description	Value
Index	0xF989 (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.25 F989:FA FB Inputs****0**

Description	Value
Index	0xF989 (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.25 F989:FB FB Inputs****1**

Description	Value
Index	0xF989 (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.25 F989:FC FB Inputs**

**2**

Description	Value
Index	0xF989 (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.25 F989:FD FB Inputs**

**3**

Description	Value
Index	0xF989 (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.25 F989:FE FB Inputs**

**4**

Description	Value
Index	0xF989 (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.234.25 F989:FF FB Inputs****5**

Description	Value
Index	0xF989 (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.235 F98A:x FB 511-512 Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.235.1 F98A:01 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.235.2 F98A:02 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.3 F98A:03 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.4 F98A:04 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.5 F98A:05 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.6 F98A:06 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.7 F98A:07 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.8 F98A:08 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.9 F98A:09 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.10 F98A:0A FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.11 F98A:0B FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.12 F98A:0C FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.13 F98A:0D FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.14 F98A:0E FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.15 F98A:0F FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.16 F98A:10 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.17 F98A:11 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.18 F98A:12 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.19 F98A:13 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.20 F98A:14 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.21 F98A:15 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.22 F98A:16 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.23 F98A:17 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.235.24 F98A:18 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.25 F98A:19 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.26 F98A:1A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.27 F98A:1B FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.28 F98A:1C FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.29 F98A:1D FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.30 F98A:1E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.31 F98A:1F FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.32 F98A:20 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.33 F98A:21 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.34 F98A:22 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.35 F98A:23 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.36 F98A:24 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.37 F98A:25 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.38 F98A:26 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.39 F98A:27 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.40 F98A:28 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.41 F98A:29 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.42 F98A:2A FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.43 F98A:2B FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.44 F98A:2C FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.45 F98A:2D FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.46 F98A:2E FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.47 F98A:2F FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.235.48 F98A:30 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.49 F98A:31 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.50 F98A:32 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.51 F98A:33 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.52 F98A:34 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.53 F98A:35 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.54 F98A:36 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.55 F98A:37 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.56 F98A:38 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.57 F98A:39 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.58 F98A:3A FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.59 F98A:3B FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.60 F98A:3C FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.61 F98A:3D FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.62 F98A:3E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.63 F98A:3F FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.64 F98A:40 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.65 F98A:41 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.66 F98A:42 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.67 F98A:43 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.68 F98A:44 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.69 F98A:45 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.70 F98A:46 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.71 F98A:47 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.235.72 F98A:48 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.73 F98A:49 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.74 F98A:4A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.75 F98A:4B FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.76 F98A:4C FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.77 F98A:4D FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.78 F98A:4E FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.79 F98A:4F FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.80 F98A:50 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.81 F98A:51 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.82 F98A:52 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.83 F98A:53 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.84 F98A:54 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.85 F98A:55 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.86 F98A:56 FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.87 F98A:57 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.88 F98A:58 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.89 F98A:59 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.90 F98A:5A FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.91 F98A:5B FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.92 F98A:5C FB Inputs

Description	Value
Index	0xF98A (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.93 F98A:5D FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.94 F98A:5E FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.95 F98A:5F FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.235.96 F98A:60 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.97 F98A:61 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.98 F98A:62 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.99 F98A:63 FB Inputs**

Description	Value
Index	0xF98A (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.10 F98A:64 FB Inputs****0**

Description	Value
Index	0xF98A (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.10 F98A:65 FB Inputs****1**

Description	Value
Index	0xF98A (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.10 F98A:66 FB Inputs**

**2**

Description	Value
Index	0xF98A (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.10 F98A:67 FB Inputs**

**3**

Description	Value
Index	0xF98A (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.10 F98A:68 FB Inputs**

**4**

Description	Value
Index	0xF98A (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.10 F98A:69 FB Inputs****5**

Description	Value
Index	0xF98A (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.10 F98A:6A FB Inputs****6**

Description	Value
Index	0xF98A (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.10 F98A:6B FB Inputs****7**

Description	Value
Index	0xF98A (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.10 F98A:6C FB Inputs**

**8**

Description	Value
Index	0xF98A (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.10 F98A:6D FB Inputs**

**9**

Description	Value
Index	0xF98A (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.11 F98A:6E FB Inputs**

**0**

Description	Value
Index	0xF98A (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.11 F98A:6F FB Inputs****1**

Description	Value
Index	0xF98A (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.11 F98A:70 FB Inputs****2**

Description	Value
Index	0xF98A (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.11 F98A:71 FB Inputs****3**

Description	Value
Index	0xF98A (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.11 F98A:72 FB Inputs**

**4**

Description	Value
Index	0xF98A (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.11 F98A:73 FB Inputs**

**5**

Description	Value
Index	0xF98A (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.11 F98A:74 FB Inputs**

**6**

Description	Value
Index	0xF98A (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.11 F98A:75 FB Inputs****7**

Description	Value
Index	0xF98A (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.11 F98A:76 FB Inputs****8**

Description	Value
Index	0xF98A (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.11 F98A:77 FB Inputs****9**

Description	Value
Index	0xF98A (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.235.12 F98A:78 FB Inputs**

**0**

Description	Value
Index	0xF98A (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.12 F98A:79 FB Inputs**

**1**

Description	Value
Index	0xF98A (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.12 F98A:7A FB Inputs**

**2**

Description	Value
Index	0xF98A (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.12 F98A:7B FB Inputs****3**

Description	Value
Index	0xF98A (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.12 F98A:7C FB Inputs****4**

Description	Value
Index	0xF98A (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.12 F98A:7D FB Inputs****5**

Description	Value
Index	0xF98A (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.12 F98A:7E FB Inputs**

**6**

Description	Value
Index	0xF98A (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.12 F98A:7F FB Inputs**

**7**

Description	Value
Index	0xF98A (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.12 F98A:80 FB Inputs**

**8**

Description	Value
Index	0xF98A (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.12 F98A:81 FB Inputs****9**

Description	Value
Index	0xF98A (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.13 F98A:82 FB Inputs****0**

Description	Value
Index	0xF98A (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.13 F98A:83 FB Inputs****1**

Description	Value
Index	0xF98A (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.13 F98A:84 FB Inputs**

**2**

Description	Value
Index	0xF98A (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.13 F98A:85 FB Inputs**

**3**

Description	Value
Index	0xF98A (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.13 F98A:86 FB Inputs**

**4**

Description	Value
Index	0xF98A (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.13 F98A:87 FB Inputs****5**

Description	Value
Index	0xF98A (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.13 F98A:88 FB Inputs****6**

Description	Value
Index	0xF98A (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.13 F98A:89 FB Inputs****7**

Description	Value
Index	0xF98A (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.13 F98A:8A FB Inputs**

**8**

Description	Value
Index	0xF98A (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.13 F98A:8B FB Inputs**

**9**

Description	Value
Index	0xF98A (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.14 F98A:8C FB Inputs**

**0**

Description	Value
Index	0xF98A (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.14 F98A:8D FB Inputs****1**

Description	Value
Index	0xF98A (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.14 F98A:8E FB Inputs****2**

Description	Value
Index	0xF98A (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.14 F98A:8F FB Inputs****3**

Description	Value
Index	0xF98A (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.235.14 F98A:90 FB Inputs**

**4**

Description	Value
Index	0xF98A (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.14 F98A:91 FB Inputs**

**5**

Description	Value
Index	0xF98A (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.14 F98A:92 FB Inputs**

**6**

Description	Value
Index	0xF98A (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.14 F98A:93 FB Inputs****7**

Description	Value
Index	0xF98A (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.14 F98A:94 FB Inputs****8**

Description	Value
Index	0xF98A (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.14 F98A:95 FB Inputs****9**

Description	Value
Index	0xF98A (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.15 F98A:96 FB Inputs**

**0**

Description	Value
Index	0xF98A (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.15 F98A:97 FB Inputs**

**1**

Description	Value
Index	0xF98A (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.15 F98A:98 FB Inputs**

**2**

Description	Value
Index	0xF98A (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.15 F98A:99 FB Inputs****3**

Description	Value
Index	0xF98A (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.15 F98A:9A FB Inputs****4**

Description	Value
Index	0xF98A (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.15 F98A:9B FB Inputs****5**

Description	Value
Index	0xF98A (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.15 F98A:9C FB Inputs**

**6**

Description	Value
Index	0xF98A (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.15 F98A:9D FB Inputs**

**7**

Description	Value
Index	0xF98A (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.15 F98A:9E FB Inputs**

**8**

Description	Value
Index	0xF98A (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.15 F98A:9F FB Inputs****9**

Description	Value
Index	0xF98A (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.16 F98A:A0 FB Inputs****0**

Description	Value
Index	0xF98A (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.16 F98A:A1 FB Inputs****1**

Description	Value
Index	0xF98A (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.16 F98A:A2 FB Inputs**

**2**

Description	Value
Index	0xF98A (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.16 F98A:A3 FB Inputs**

**3**

Description	Value
Index	0xF98A (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.16 F98A:A4 FB Inputs**

**4**

Description	Value
Index	0xF98A (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.16 F98A:A5 FB Inputs****5**

Description	Value
Index	0xF98A (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.16 F98A:A6 FB Inputs****6**

Description	Value
Index	0xF98A (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.16 F98A:A7 FB Inputs****7**

Description	Value
Index	0xF98A (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.235.16 F98A:A8 FB Inputs**

**8**

Description	Value
Index	0xF98A (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.16 F98A:A9 FB Inputs**

**9**

Description	Value
Index	0xF98A (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.17 F98A:AA FB Inputs**

**0**

Description	Value
Index	0xF98A (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.17 F98A:AB FB Inputs****1**

Description	Value
Index	0xF98A (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.17 F98A:AC FB Inputs****2**

Description	Value
Index	0xF98A (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.17 F98A:AD FB Inputs****3**

Description	Value
Index	0xF98A (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.17 F98A:AE FB Inputs**

**4**

Description	Value
Index	0xF98A (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.17 F98A:AF FB Inputs**

**5**

Description	Value
Index	0xF98A (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.17 F98A:B0 FB Inputs**

**6**

Description	Value
Index	0xF98A (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.17 F98A:B1 FB Inputs****7**

Description	Value
Index	0xF98A (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.17 F98A:B2 FB Inputs****8**

Description	Value
Index	0xF98A (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.17 F98A:B3 FB Inputs****9**

Description	Value
Index	0xF98A (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.18 F98A:B4 FB Inputs**

**0**

Description	Value
Index	0xF98A (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.18 F98A:B5 FB Inputs**

**1**

Description	Value
Index	0xF98A (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.18 F98A:B6 FB Inputs**

**2**

Description	Value
Index	0xF98A (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.18 F98A:B7 FB Inputs****3**

Description	Value
Index	0xF98A (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.18 F98A:B8 FB Inputs****4**

Description	Value
Index	0xF98A (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.18 F98A:B9 FB Inputs****5**

Description	Value
Index	0xF98A (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.18 F98A:BA FB Inputs**

**6**

Description	Value
Index	0xF98A (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.18 F98A:BB FB Inputs**

**7**

Description	Value
Index	0xF98A (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.18 F98A:BC FB Inputs**

**8**

Description	Value
Index	0xF98A (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.18 F98A:BD FB Inputs****9**

Description	Value
Index	0xF98A (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.19 F98A:BE FB Inputs****0**

Description	Value
Index	0xF98A (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.19 F98A:BF FB Inputs****1**

Description	Value
Index	0xF98A (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.235.19 F98A:C0 FB Inputs**

**2**

Description	Value
Index	0xF98A (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.19 F98A:C1 FB Inputs**

**3**

Description	Value
Index	0xF98A (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.19 F98A:C2 FB Inputs**

**4**

Description	Value
Index	0xF98A (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.19 F98A:C3 FB Inputs****5**

Description	Value
Index	0xF98A (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.19 F98A:C4 FB Inputs****6**

Description	Value
Index	0xF98A (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.19 F98A:C5 FB Inputs****7**

Description	Value
Index	0xF98A (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.19 F98A:C6 FB Inputs**

**8**

Description	Value
Index	0xF98A (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.19 F98A:C7 FB Inputs**

**9**

Description	Value
Index	0xF98A (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.20 F98A:C8 FB Inputs**

**0**

Description	Value
Index	0xF98A (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.20 F98A:C9 FB Inputs****1**

Description	Value
Index	0xF98A (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.20 F98A:CA FB Inputs****2**

Description	Value
Index	0xF98A (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.20 F98A:CB FB Inputs****3**

Description	Value
Index	0xF98A (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.20 F98A:CC FB Inputs**

**4**

Description	Value
Index	0xF98A (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.20 F98A:CD FB Inputs**

**5**

Description	Value
Index	0xF98A (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.20 F98A:CE FB Inputs**

**6**

Description	Value
Index	0xF98A (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.20 F98A:CF FB Inputs****7**

Description	Value
Index	0xF98A (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.20 F98A:D0 FB Inputs****8**

Description	Value
Index	0xF98A (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.20 F98A:D1 FB Inputs****9**

Description	Value
Index	0xF98A (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.21 F98A:D2 FB Inputs

**0**

Description	Value
Index	0xF98A (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.21 F98A:D3 FB Inputs

**1**

Description	Value
Index	0xF98A (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.235.21 F98A:D4 FB Inputs

**2**

Description	Value
Index	0xF98A (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.21 F98A:D5 FB Inputs****3**

Description	Value
Index	0xF98A (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.21 F98A:D6 FB Inputs****4**

Description	Value
Index	0xF98A (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.21 F98A:D7 FB Inputs****5**

Description	Value
Index	0xF98A (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.235.21 F98A:D8 FB Inputs**

**6**

Description	Value
Index	0xF98A (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.21 F98A:D9 FB Inputs**

**7**

Description	Value
Index	0xF98A (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.21 F98A:DA FB Inputs**

**8**

Description	Value
Index	0xF98A (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.21 F98A:DB FB Inputs****9**

Description	Value
Index	0xF98A (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.22 F98A:DC FB Inputs****0**

Description	Value
Index	0xF98A (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.22 F98A:DD FB Inputs****1**

Description	Value
Index	0xF98A (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.22 F98A:DE FB Inputs**

**2**

Description	Value
Index	0xF98A (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.22 F98A:DF FB Inputs**

**3**

Description	Value
Index	0xF98A (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.22 F98A:E0 FB Inputs**

**4**

Description	Value
Index	0xF98A (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.22 F98A:E1 FB Inputs****5**

Description	Value
Index	0xF98A (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.22 F98A:E2 FB Inputs****6**

Description	Value
Index	0xF98A (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.22 F98A:E3 FB Inputs****7**

Description	Value
Index	0xF98A (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.22 F98A:E4 FB Inputs**

**8**

Description	Value
Index	0xF98A (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.22 F98A:E5 FB Inputs**

**9**

Description	Value
Index	0xF98A (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.23 F98A:E6 FB Inputs**

**0**

Description	Value
Index	0xF98A (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.23 F98A:E7 FB Inputs****1**

Description	Value
Index	0xF98A (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.23 F98A:E8 FB Inputs****2**

Description	Value
Index	0xF98A (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.23 F98A:E9 FB Inputs****3**

Description	Value
Index	0xF98A (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.23 F98A:EA FB Inputs**

**4**

Description	Value
Index	0xF98A (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.23 F98A:EB FB Inputs**

**5**

Description	Value
Index	0xF98A (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.23 F98A:EC FB Inputs**

**6**

Description	Value
Index	0xF98A (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.23 F98A:ED FB Inputs****7**

Description	Value
Index	0xF98A (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.23 F98A:EE FB Inputs****8**

Description	Value
Index	0xF98A (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.23 F98A:EF FB Inputs****9**

Description	Value
Index	0xF98A (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.235.24 F98A:F0 FB Inputs**

**0**

Description	Value
Index	0xF98A (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.24 F98A:F1 FB Inputs**

**1**

Description	Value
Index	0xF98A (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.24 F98A:F2 FB Inputs**

**2**

Description	Value
Index	0xF98A (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.24 F98A:F3 FB Inputs****3**

Description	Value
Index	0xF98A (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.24 F98A:F4 FB Inputs****4**

Description	Value
Index	0xF98A (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.24 F98A:F5 FB Inputs****5**

Description	Value
Index	0xF98A (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.24 F98A:F6 FB Inputs**

**6**

Description	Value
Index	0xF98A (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.24 F98A:F7 FB Inputs**

**7**

Description	Value
Index	0xF98A (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.24 F98A:F8 FB Inputs**

**8**

Description	Value
Index	0xF98A (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.24 F98A:F9 FB Inputs****9**

Description	Value
Index	0xF98A (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.25 F98A:FA FB Inputs****0**

Description	Value
Index	0xF98A (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.25 F98A:FB FB Inputs****1**

Description	Value
Index	0xF98A (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.25 F98A:FC FB Inputs**

**2**

Description	Value
Index	0xF98A (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.25 F98A:FD FB Inputs**

**3**

Description	Value
Index	0xF98A (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.25 F98A:FE FB Inputs**

**4**

Description	Value
Index	0xF98A (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.235.25 F98A:FF FB Inputs****5**

Description	Value
Index	0xF98A (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236 F98C:x FB 1-255 Outputs

Description	Value
Index	0xF98C (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.236.1 F98C:01 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.236.2 F98C:02 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.3 F98C:03 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.4 F98C:04 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.5 F98C:05 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.236.6 F98C:06 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.7 F98C:07 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.8 F98C:08 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.9 F98C:09 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.10 F98C:0A FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.11 F98C:0B FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.12 F98C:0C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.13 F98C:0D FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.14 F98C:0E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.15 F98C:0F FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.16 F98C:10 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.17 F98C:11 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.18 F98C:12 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.19 F98C:13 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.20 F98C:14 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.21 F98C:15 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.22 F98C:16 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.23 F98C:17 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.24 F98C:18 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.25 F98C:19 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.26 F98C:1A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.27 F98C:1B FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.28 F98C:1C FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.29 F98C:1D FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.236.30 F98C:1E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.31 F98C:1F FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.32 F98C:20 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.33 F98C:21 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.34 F98C:22 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.35 F98C:23 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.36 F98C:24 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.37 F98C:25 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.38 F98C:26 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.39 F98C:27 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.40 F98C:28 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.41 F98C:29 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.42 F98C:2A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.43 F98C:2B FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.44 F98C:2C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.45 F98C:2D FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.46 F98C:2E FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.47 F98C:2F FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.48 F98C:30 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.49 F98C:31 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.50 F98C:32 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.51 F98C:33 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.52 F98C:34 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.53 F98C:35 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.236.54 F98C:36 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.55 F98C:37 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.56 F98C:38 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.57 F98C:39 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.58 F98C:3A FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.59 F98C:3B FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.60 F98C:3C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.61 F98C:3D FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.62 F98C:3E FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.63 F98C:3F FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.64 F98C:40 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.65 F98C:41 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.66 F98C:42 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.67 F98C:43 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.68 F98C:44 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.69 F98C:45 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.70 F98C:46 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.71 F98C:47 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.72 F98C:48 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.73 F98C:49 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.74 F98C:4A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.75 F98C:4B FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.76 F98C:4C FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.77 F98C:4D FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.236.78 F98C:4E FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.79 F98C:4F FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.80 F98C:50 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.81 F98C:51 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.82 F98C:52 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.83 F98C:53 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.84 F98C:54 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.85 F98C:55 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.86 F98C:56 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.87 F98C:57 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.88 F98C:58 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.89 F98C:59 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.90 F98C:5A FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.91 F98C:5B FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.92 F98C:5C FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.93 F98C:5D FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.94 F98C:5E FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.95 F98C:5F FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.96 F98C:60 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.97 F98C:61 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.98 F98C:62 FB Inputs

Description	Value
Index	0xF98C (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.99 F98C:63 FB Inputs**

Description	Value
Index	0xF98C (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.10 F98C:64 FB Inputs****0**

Description	Value
Index	0xF98C (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.10 F98C:65 FB Inputs****1**

Description	Value
Index	0xF98C (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.236.10 F98C:66 FB Inputs**

**2**

Description	Value
Index	0xF98C (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.10 F98C:67 FB Inputs**

**3**

Description	Value
Index	0xF98C (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.10 F98C:68 FB Inputs**

**4**

Description	Value
Index	0xF98C (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.10 F98C:69 FB Inputs****5**

Description	Value
Index	0xF98C (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.10 F98C:6A FB Inputs****6**

Description	Value
Index	0xF98C (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.10 F98C:6B FB Inputs****7**

Description	Value
Index	0xF98C (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.10 F98C:6C FB Inputs**

**8**

Description	Value
Index	0xF98C (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.10 F98C:6D FB Inputs**

**9**

Description	Value
Index	0xF98C (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.11 F98C:6E FB Inputs**

**0**

Description	Value
Index	0xF98C (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.11 F98C:6F FB Inputs****1**

Description	Value
Index	0xF98C (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.11 F98C:70 FB Inputs****2**

Description	Value
Index	0xF98C (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.11 F98C:71 FB Inputs****3**

Description	Value
Index	0xF98C (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.11 F98C:72 FB Inputs**

**4**

Description	Value
Index	0xF98C (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.11 F98C:73 FB Inputs**

**5**

Description	Value
Index	0xF98C (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.11 F98C:74 FB Inputs**

**6**

Description	Value
Index	0xF98C (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.11 F98C:75 FB Inputs****7**

Description	Value
Index	0xF98C (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.11 F98C:76 FB Inputs****8**

Description	Value
Index	0xF98C (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.11 F98C:77 FB Inputs****9**

Description	Value
Index	0xF98C (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.12 F98C:78 FB Inputs**

**0**

Description	Value
Index	0xF98C (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.12 F98C:79 FB Inputs**

**1**

Description	Value
Index	0xF98C (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.12 F98C:7A FB Inputs**

**2**

Description	Value
Index	0xF98C (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.12 F98C:7B FB Inputs****3**

Description	Value
Index	0xF98C (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.12 F98C:7C FB Inputs****4**

Description	Value
Index	0xF98C (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.12 F98C:7D FB Inputs****5**

Description	Value
Index	0xF98C (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.236.12 F98C:7E FB Inputs**

**6**

Description	Value
Index	0xF98C (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.12 F98C:7F FB Inputs**

**7**

Description	Value
Index	0xF98C (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.12 F98C:80 FB Inputs**

**8**

Description	Value
Index	0xF98C (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.12 F98C:81 FB Inputs****9**

Description	Value
Index	0xF98C (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.13 F98C:82 FB Inputs****0**

Description	Value
Index	0xF98C (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.13 F98C:83 FB Inputs****1**

Description	Value
Index	0xF98C (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.13 F98C:84 FB Inputs**

**2**

Description	Value
Index	0xF98C (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.13 F98C:85 FB Inputs**

**3**

Description	Value
Index	0xF98C (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.13 F98C:86 FB Inputs**

**4**

Description	Value
Index	0xF98C (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.13 F98C:87 FB Inputs****5**

Description	Value
Index	0xF98C (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.13 F98C:88 FB Inputs****6**

Description	Value
Index	0xF98C (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.13 F98C:89 FB Inputs****7**

Description	Value
Index	0xF98C (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.13 F98C:8A FB Inputs**

**8**

Description	Value
Index	0xF98C (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.13 F98C:8B FB Inputs**

**9**

Description	Value
Index	0xF98C (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.14 F98C:8C FB Inputs**

**0**

Description	Value
Index	0xF98C (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.14 F98C:8D FB Inputs****1**

Description	Value
Index	0xF98C (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.14 F98C:8E FB Inputs****2**

Description	Value
Index	0xF98C (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.14 F98C:8F FB Inputs****3**

Description	Value
Index	0xF98C (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.14 F98C:90 FB Inputs**

**4**

Description	Value
Index	0xF98C (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.14 F98C:91 FB Inputs**

**5**

Description	Value
Index	0xF98C (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.14 F98C:92 FB Inputs**

**6**

Description	Value
Index	0xF98C (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.14 F98C:93 FB Inputs****7**

Description	Value
Index	0xF98C (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.14 F98C:94 FB Inputs****8**

Description	Value
Index	0xF98C (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.14 F98C:95 FB Inputs****9**

Description	Value
Index	0xF98C (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.236.15 F98C:96 FB Inputs**

**0**

Description	Value
Index	0xF98C (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.15 F98C:97 FB Inputs**

**1**

Description	Value
Index	0xF98C (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.15 F98C:98 FB Inputs**

**2**

Description	Value
Index	0xF98C (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.15 F98C:99 FB Inputs****3**

Description	Value
Index	0xF98C (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.15 F98C:9A FB Inputs****4**

Description	Value
Index	0xF98C (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.15 F98C:9B FB Inputs****5**

Description	Value
Index	0xF98C (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.15 F98C:9C FB Inputs**

**6**

Description	Value
Index	0xF98C (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.15 F98C:9D FB Inputs**

**7**

Description	Value
Index	0xF98C (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.15 F98C:9E FB Inputs**

**8**

Description	Value
Index	0xF98C (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.15 F98C:9F FB Inputs****9**

Description	Value
Index	0xF98C (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.16 F98C:A0 FB Inputs****0**

Description	Value
Index	0xF98C (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.16 F98C:A1 FB Inputs****1**

Description	Value
Index	0xF98C (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.16 F98C:A2 FB Inputs**

**2**

Description	Value
Index	0xF98C (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.16 F98C:A3 FB Inputs**

**3**

Description	Value
Index	0xF98C (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.16 F98C:A4 FB Inputs**

**4**

Description	Value
Index	0xF98C (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.16 F98C:A5 FB Inputs****5**

Description	Value
Index	0xF98C (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.16 F98C:A6 FB Inputs****6**

Description	Value
Index	0xF98C (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.16 F98C:A7 FB Inputs****7**

Description	Value
Index	0xF98C (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.16 F98C:A8 FB Inputs**

**8**

Description	Value
Index	0xF98C (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.16 F98C:A9 FB Inputs**

**9**

Description	Value
Index	0xF98C (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.17 F98C:AA FB Inputs**

**0**

Description	Value
Index	0xF98C (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.17 F98C:AB FB Inputs****1**

Description	Value
Index	0xF98C (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.17 F98C:AC FB Inputs****2**

Description	Value
Index	0xF98C (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.17 F98C:AD FB Inputs****3**

Description	Value
Index	0xF98C (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.236.17 F98C:AE FB Inputs**

**4**

Description	Value
Index	0xF98C (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.17 F98C:AF FB Inputs**

**5**

Description	Value
Index	0xF98C (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.17 F98C:B0 FB Inputs**

**6**

Description	Value
Index	0xF98C (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.17 F98C:B1 FB Inputs****7**

Description	Value
Index	0xF98C (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.17 F98C:B2 FB Inputs****8**

Description	Value
Index	0xF98C (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.17 F98C:B3 FB Inputs****9**

Description	Value
Index	0xF98C (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.18 F98C:B4 FB Inputs**

**0**

Description	Value
Index	0xF98C (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.18 F98C:B5 FB Inputs**

**1**

Description	Value
Index	0xF98C (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.18 F98C:B6 FB Inputs**

**2**

Description	Value
Index	0xF98C (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.18 F98C:B7 FB Inputs****3**

Description	Value
Index	0xF98C (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.18 F98C:B8 FB Inputs****4**

Description	Value
Index	0xF98C (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.18 F98C:B9 FB Inputs****5**

Description	Value
Index	0xF98C (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.18 F98C:BA FB Inputs**

**6**

Description	Value
Index	0xF98C (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.18 F98C:BB FB Inputs**

**7**

Description	Value
Index	0xF98C (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.18 F98C:BC FB Inputs**

**8**

Description	Value
Index	0xF98C (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.18 F98C:BD FB Inputs****9**

Description	Value
Index	0xF98C (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.19 F98C:BE FB Inputs****0**

Description	Value
Index	0xF98C (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.19 F98C:BF FB Inputs****1**

Description	Value
Index	0xF98C (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.19 F98C:C0 FB Inputs**

**2**

Description	Value
Index	0xF98C (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.19 F98C:C1 FB Inputs**

**3**

Description	Value
Index	0xF98C (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.19 F98C:C2 FB Inputs**

**4**

Description	Value
Index	0xF98C (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.19 F98C:C3 FB Inputs****5**

Description	Value
Index	0xF98C (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.19 F98C:C4 FB Inputs****6**

Description	Value
Index	0xF98C (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.19 F98C:C5 FB Inputs****7**

Description	Value
Index	0xF98C (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.236.19 F98C:C6 FB Inputs**

**8**

Description	Value
Index	0xF98C (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.19 F98C:C7 FB Inputs**

**9**

Description	Value
Index	0xF98C (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.20 F98C:C8 FB Inputs**

**0**

Description	Value
Index	0xF98C (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.20 F98C:C9 FB Inputs****1**

Description	Value
Index	0xF98C (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.20 F98C:CA FB Inputs****2**

Description	Value
Index	0xF98C (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.20 F98C:CB FB Inputs****3**

Description	Value
Index	0xF98C (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.20 F98C:CC FB Inputs**

**4**

Description	Value
Index	0xF98C (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.20 F98C:CD FB Inputs**

**5**

Description	Value
Index	0xF98C (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.20 F98C:CE FB Inputs**

**6**

Description	Value
Index	0xF98C (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.20 F98C:CF FB Inputs****7**

Description	Value
Index	0xF98C (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.20 F98C:D0 FB Inputs****8**

Description	Value
Index	0xF98C (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.20 F98C:D1 FB Inputs****9**

Description	Value
Index	0xF98C (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.21 F98C:D2 FB Inputs

**0**

Description	Value
Index	0xF98C (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.21 F98C:D3 FB Inputs

**1**

Description	Value
Index	0xF98C (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.21 F98C:D4 FB Inputs

**2**

Description	Value
Index	0xF98C (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.21 F98C:D5 FB Inputs****3**

Description	Value
Index	0xF98C (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.21 F98C:D6 FB Inputs****4**

Description	Value
Index	0xF98C (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.21 F98C:D7 FB Inputs****5**

Description	Value
Index	0xF98C (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.21 F98C:D8 FB Inputs**

**6**

Description	Value
Index	0xF98C (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.21 F98C:D9 FB Inputs**

**7**

Description	Value
Index	0xF98C (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.21 F98C:DA FB Inputs**

**8**

Description	Value
Index	0xF98C (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.21 F98C:DB FB Inputs****9**

Description	Value
Index	0xF98C (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.22 F98C:DC FB Inputs****0**

Description	Value
Index	0xF98C (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.22 F98C:DD FB Inputs****1**

Description	Value
Index	0xF98C (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.236.22 F98C:DE FB Inputs**

**2**

Description	Value
Index	0xF98C (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.22 F98C:DF FB Inputs**

**3**

Description	Value
Index	0xF98C (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.22 F98C:E0 FB Inputs**

**4**

Description	Value
Index	0xF98C (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.22 F98C:E1 FB Inputs****5**

Description	Value
Index	0xF98C (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.22 F98C:E2 FB Inputs****6**

Description	Value
Index	0xF98C (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.22 F98C:E3 FB Inputs****7**

Description	Value
Index	0xF98C (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.22 F98C:E4 FB Inputs

**8**

Description	Value
Index	0xF98C (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.22 F98C:E5 FB Inputs

**9**

Description	Value
Index	0xF98C (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.236.23 F98C:E6 FB Inputs

**0**

Description	Value
Index	0xF98C (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.23 F98C:E7 FB Inputs****1**

Description	Value
Index	0xF98C (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.23 F98C:E8 FB Inputs****2**

Description	Value
Index	0xF98C (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.23 F98C:E9 FB Inputs****3**

Description	Value
Index	0xF98C (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.23 F98C:EA FB Inputs**

**4**

Description	Value
Index	0xF98C (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.23 F98C:EB FB Inputs**

**5**

Description	Value
Index	0xF98C (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.23 F98C:EC FB Inputs**

**6**

Description	Value
Index	0xF98C (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.23 F98C:ED FB Inputs****7**

Description	Value
Index	0xF98C (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.23 F98C:EE FB Inputs****8**

Description	Value
Index	0xF98C (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.23 F98C:EF FB Inputs****9**

Description	Value
Index	0xF98C (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.24 F98C:F0 FB Inputs**

**0**

Description	Value
Index	0xF98C (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.24 F98C:F1 FB Inputs**

**1**

Description	Value
Index	0xF98C (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.24 F98C:F2 FB Inputs**

**2**

Description	Value
Index	0xF98C (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.24 F98C:F3 FB Inputs****3**

Description	Value
Index	0xF98C (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.24 F98C:F4 FB Inputs****4**

Description	Value
Index	0xF98C (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.24 F98C:F5 FB Inputs****5**

Description	Value
Index	0xF98C (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.236.24 F98C:F6 FB Inputs**

**6**

Description	Value
Index	0xF98C (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.24 F98C:F7 FB Inputs**

**7**

Description	Value
Index	0xF98C (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.24 F98C:F8 FB Inputs**

**8**

Description	Value
Index	0xF98C (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.24 F98C:F9 FB Inputs****9**

Description	Value
Index	0xF98C (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.25 F98C:FA FB Inputs****0**

Description	Value
Index	0xF98C (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.25 F98C:FB FB Inputs****1**

Description	Value
Index	0xF98C (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.25 F98C:FC FB Inputs**

**2**

Description	Value
Index	0xF98C (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.25 F98C:FD FB Inputs**

**3**

Description	Value
Index	0xF98C (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.25 F98C:FE FB Inputs**

**4**

Description	Value
Index	0xF98C (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.236.25 F98C:FF FB Inputs****5**

Description	Value
Index	0xF98C (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237 F98D:x FB 256-510 Outputs

Description	Value
Index	0xF98D (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.237.1 F98D:01 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.237.2 F98D:02 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.3 F98D:03 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.4 F98D:04 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.5 F98D:05 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.6 F98D:06 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.7 F98D:07 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.8 F98D:08 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.9 F98D:09 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.10 F98D:0A FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.11 F98D:0B FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.237.12 F98D:0C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.13 F98D:0D FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.14 F98D:0E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.15 F98D:0F FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.16 F98D:10 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.17 F98D:11 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.18 F98D:12 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.19 F98D:13 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.20 F98D:14 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.21 F98D:15 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.22 F98D:16 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.23 F98D:17 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.24 F98D:18 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.25 F98D:19 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.26 F98D:1A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.27 F98D:1B FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.28 F98D:1C FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.29 F98D:1D FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.30 F98D:1E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.31 F98D:1F FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.32 F98D:20 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.33 F98D:21 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.34 F98D:22 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.35 F98D:23 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.237.36 F98D:24 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.37 F98D:25 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.38 F98D:26 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.39 F98D:27 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.40 F98D:28 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.41 F98D:29 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.42 F98D:2A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.43 F98D:2B FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.44 F98D:2C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.45 F98D:2D FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.46 F98D:2E FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.47 F98D:2F FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.48 F98D:30 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.49 F98D:31 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.50 F98D:32 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.51 F98D:33 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.52 F98D:34 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.53 F98D:35 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.54 F98D:36 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.55 F98D:37 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.56 F98D:38 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.57 F98D:39 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.58 F98D:3A FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.59 F98D:3B FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.237.60 F98D:3C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.61 F98D:3D FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.62 F98D:3E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.63 F98D:3F FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.64 F98D:40 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.65 F98D:41 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.66 F98D:42 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.67 F98D:43 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.68 F98D:44 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.69 F98D:45 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.70 F98D:46 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.71 F98D:47 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.72 F98D:48 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.73 F98D:49 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.74 F98D:4A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.75 F98D:4B FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.76 F98D:4C FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.77 F98D:4D FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.78 F98D:4E FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.79 F98D:4F FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.80 F98D:50 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.81 F98D:51 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.82 F98D:52 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.83 F98D:53 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.237.84 F98D:54 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.85 F98D:55 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.86 F98D:56 FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.87 F98D:57 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.88 F98D:58 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.89 F98D:59 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.90 F98D:5A FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.91 F98D:5B FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.92 F98D:5C FB Inputs

Description	Value
Index	0xF98D (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.93 F98D:5D FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.94 F98D:5E FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.95 F98D:5F FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.96 F98D:60 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.97 F98D:61 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.98 F98D:62 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.99 F98D:63 FB Inputs**

Description	Value
Index	0xF98D (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.10 F98D:64 FB Inputs****0**

Description	Value
Index	0xF98D (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.10 F98D:65 FB Inputs****1**

Description	Value
Index	0xF98D (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.10 F98D:66 FB Inputs**

**2**

Description	Value
Index	0xF98D (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.10 F98D:67 FB Inputs**

**3**

Description	Value
Index	0xF98D (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.10 F98D:68 FB Inputs**

**4**

Description	Value
Index	0xF98D (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.10 F98D:69 FB Inputs****5**

Description	Value
Index	0xF98D (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.10 F98D:6A FB Inputs****6**

Description	Value
Index	0xF98D (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.10 F98D:6B FB Inputs****7**

Description	Value
Index	0xF98D (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.237.10 F98D:6C FB Inputs**

**8**

Description	Value
Index	0xF98D (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.10 F98D:6D FB Inputs**

**9**

Description	Value
Index	0xF98D (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.11 F98D:6E FB Inputs**

**0**

Description	Value
Index	0xF98D (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.11 F98D:6F FB Inputs****1**

Description	Value
Index	0xF98D (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.11 F98D:70 FB Inputs****2**

Description	Value
Index	0xF98D (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.11 F98D:71 FB Inputs****3**

Description	Value
Index	0xF98D (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.11 F98D:72 FB Inputs**

**4**

Description	Value
Index	0xF98D (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.11 F98D:73 FB Inputs**

**5**

Description	Value
Index	0xF98D (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.11 F98D:74 FB Inputs**

**6**

Description	Value
Index	0xF98D (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.11 F98D:75 FB Inputs****7**

Description	Value
Index	0xF98D (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.11 F98D:76 FB Inputs****8**

Description	Value
Index	0xF98D (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.11 F98D:77 FB Inputs****9**

Description	Value
Index	0xF98D (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.12 F98D:78 FB Inputs**

**0**

Description	Value
Index	0xF98D (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.12 F98D:79 FB Inputs**

**1**

Description	Value
Index	0xF98D (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.12 F98D:7A FB Inputs**

**2**

Description	Value
Index	0xF98D (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.12 F98D:7B FB Inputs****3**

Description	Value
Index	0xF98D (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.12 F98D:7C FB Inputs****4**

Description	Value
Index	0xF98D (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.12 F98D:7D FB Inputs****5**

Description	Value
Index	0xF98D (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.12 F98D:7E FB Inputs**

**6**

Description	Value
Index	0xF98D (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.12 F98D:7F FB Inputs**

**7**

Description	Value
Index	0xF98D (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.12 F98D:80 FB Inputs**

**8**

Description	Value
Index	0xF98D (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.12 F98D:81 FB Inputs****9**

Description	Value
Index	0xF98D (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.13 F98D:82 FB Inputs****0**

Description	Value
Index	0xF98D (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.13 F98D:83 FB Inputs****1**

Description	Value
Index	0xF98D (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.237.13 F98D:84 FB Inputs**

**2**

Description	Value
Index	0xF98D (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.13 F98D:85 FB Inputs**

**3**

Description	Value
Index	0xF98D (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.13 F98D:86 FB Inputs**

**4**

Description	Value
Index	0xF98D (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.13 F98D:87 FB Inputs****5**

Description	Value
Index	0xF98D (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.13 F98D:88 FB Inputs****6**

Description	Value
Index	0xF98D (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.13 F98D:89 FB Inputs****7**

Description	Value
Index	0xF98D (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.13 F98D:8A FB Inputs**

**8**

Description	Value
Index	0xF98D (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.13 F98D:8B FB Inputs**

**9**

Description	Value
Index	0xF98D (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.14 F98D:8C FB Inputs**

**0**

Description	Value
Index	0xF98D (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.14 F98D:8D FB Inputs****1**

Description	Value
Index	0xF98D (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.14 F98D:8E FB Inputs****2**

Description	Value
Index	0xF98D (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.14 F98D:8F FB Inputs****3**

Description	Value
Index	0xF98D (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.14 F98D:90 FB Inputs**

**4**

Description	Value
Index	0xF98D (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.14 F98D:91 FB Inputs**

**5**

Description	Value
Index	0xF98D (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.14 F98D:92 FB Inputs**

**6**

Description	Value
Index	0xF98D (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.14 F98D:93 FB Inputs****7**

Description	Value
Index	0xF98D (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.14 F98D:94 FB Inputs****8**

Description	Value
Index	0xF98D (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.14 F98D:95 FB Inputs****9**

Description	Value
Index	0xF98D (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.15 F98D:96 FB Inputs****0**

Description	Value
Index	0xF98D (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.15 F98D:97 FB Inputs****1**

Description	Value
Index	0xF98D (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.15 F98D:98 FB Inputs****2**

Description	Value
Index	0xF98D (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.15 F98D:99 FB Inputs****3**

Description	Value
Index	0xF98D (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.15 F98D:9A FB Inputs****4**

Description	Value
Index	0xF98D (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.15 F98D:9B FB Inputs****5**

Description	Value
Index	0xF98D (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.237.15 F98D:9C FB Inputs**

**6**

Description	Value
Index	0xF98D (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.15 F98D:9D FB Inputs**

**7**

Description	Value
Index	0xF98D (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.15 F98D:9E FB Inputs**

**8**

Description	Value
Index	0xF98D (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.15 F98D:9F FB Inputs****9**

Description	Value
Index	0xF98D (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.16 F98D:A0 FB Inputs****0**

Description	Value
Index	0xF98D (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.16 F98D:A1 FB Inputs****1**

Description	Value
Index	0xF98D (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.16 F98D:A2 FB Inputs**

**2**

Description	Value
Index	0xF98D (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.16 F98D:A3 FB Inputs**

**3**

Description	Value
Index	0xF98D (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.16 F98D:A4 FB Inputs**

**4**

Description	Value
Index	0xF98D (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.16 F98D:A5 FB Inputs****5**

Description	Value
Index	0xF98D (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.16 F98D:A6 FB Inputs****6**

Description	Value
Index	0xF98D (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.16 F98D:A7 FB Inputs****7**

Description	Value
Index	0xF98D (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.16 F98D:A8 FB Inputs**

**8**

Description	Value
Index	0xF98D (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.16 F98D:A9 FB Inputs**

**9**

Description	Value
Index	0xF98D (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.17 F98D:AA FB Inputs**

**0**

Description	Value
Index	0xF98D (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.17 F98D:AB FB Inputs****1**

Description	Value
Index	0xF98D (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.17 F98D:AC FB Inputs****2**

Description	Value
Index	0xF98D (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.17 F98D:AD FB Inputs****3**

Description	Value
Index	0xF98D (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.17 F98D:AE FB Inputs

**4**

Description	Value
Index	0xF98D (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.17 F98D:AF FB Inputs

**5**

Description	Value
Index	0xF98D (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.17 F98D:B0 FB Inputs

**6**

Description	Value
Index	0xF98D (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.17 F98D:B1 FB Inputs****7**

Description	Value
Index	0xF98D (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.17 F98D:B2 FB Inputs****8**

Description	Value
Index	0xF98D (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.17 F98D:B3 FB Inputs****9**

Description	Value
Index	0xF98D (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.237.18 F98D:B4 FB Inputs**

**0**

Description	Value
Index	0xF98D (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.18 F98D:B5 FB Inputs**

**1**

Description	Value
Index	0xF98D (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.18 F98D:B6 FB Inputs**

**2**

Description	Value
Index	0xF98D (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.18 F98D:B7 FB Inputs****3**

Description	Value
Index	0xF98D (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.18 F98D:B8 FB Inputs****4**

Description	Value
Index	0xF98D (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.18 F98D:B9 FB Inputs****5**

Description	Value
Index	0xF98D (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.18 F98D:BA FB Inputs**

**6**

Description	Value
Index	0xF98D (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.18 F98D:BB FB Inputs**

**7**

Description	Value
Index	0xF98D (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.18 F98D:BC FB Inputs**

**8**

Description	Value
Index	0xF98D (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.18 F98D:BD FB Inputs****9**

Description	Value
Index	0xF98D (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.19 F98D:BE FB Inputs****0**

Description	Value
Index	0xF98D (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.19 F98D:BF FB Inputs****1**

Description	Value
Index	0xF98D (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.19 F98D:C0 FB Inputs

**2**

Description	Value
Index	0xF98D (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.19 F98D:C1 FB Inputs

**3**

Description	Value
Index	0xF98D (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.19 F98D:C2 FB Inputs

**4**

Description	Value
Index	0xF98D (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.19 F98D:C3 FB Inputs****5**

Description	Value
Index	0xF98D (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.19 F98D:C4 FB Inputs****6**

Description	Value
Index	0xF98D (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.19 F98D:C5 FB Inputs****7**

Description	Value
Index	0xF98D (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.19 F98D:C6 FB Inputs**

**8**

Description	Value
Index	0xF98D (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.19 F98D:C7 FB Inputs**

**9**

Description	Value
Index	0xF98D (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.20 F98D:C8 FB Inputs**

**0**

Description	Value
Index	0xF98D (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.20 F98D:C9 FB Inputs****1**

Description	Value
Index	0xF98D (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.20 F98D:CA FB Inputs****2**

Description	Value
Index	0xF98D (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.20 F98D:CB FB Inputs****3**

Description	Value
Index	0xF98D (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.237.20 F98D:CC FB Inputs**

**4**

Description	Value
Index	0xF98D (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.20 F98D:CD FB Inputs**

**5**

Description	Value
Index	0xF98D (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.20 F98D:CE FB Inputs**

**6**

Description	Value
Index	0xF98D (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.20 F98D:CF FB Inputs****7**

Description	Value
Index	0xF98D (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.20 F98D:D0 FB Inputs****8**

Description	Value
Index	0xF98D (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.20 F98D:D1 FB Inputs****9**

Description	Value
Index	0xF98D (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.21 F98D:D2 FB Inputs**

**0**

Description	Value
Index	0xF98D (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.21 F98D:D3 FB Inputs**

**1**

Description	Value
Index	0xF98D (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.21 F98D:D4 FB Inputs**

**2**

Description	Value
Index	0xF98D (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.21 F98D:D5 FB Inputs****3**

Description	Value
Index	0xF98D (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.21 F98D:D6 FB Inputs****4**

Description	Value
Index	0xF98D (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.21 F98D:D7 FB Inputs****5**

Description	Value
Index	0xF98D (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.21 F98D:D8 FB Inputs**

**6**

Description	Value
Index	0xF98D (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.21 F98D:D9 FB Inputs**

**7**

Description	Value
Index	0xF98D (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.21 F98D:DA FB Inputs**

**8**

Description	Value
Index	0xF98D (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.21 F98D:DB FB Inputs****9**

Description	Value
Index	0xF98D (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.22 F98D:DC FB Inputs****0**

Description	Value
Index	0xF98D (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.22 F98D:DD FB Inputs****1**

Description	Value
Index	0xF98D (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.22 F98D:DE FB Inputs**

**2**

Description	Value
Index	0xF98D (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.22 F98D:DF FB Inputs**

**3**

Description	Value
Index	0xF98D (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.22 F98D:E0 FB Inputs**

**4**

Description	Value
Index	0xF98D (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.22 F98D:E1 FB Inputs****5**

Description	Value
Index	0xF98D (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.22 F98D:E2 FB Inputs****6**

Description	Value
Index	0xF98D (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.22 F98D:E3 FB Inputs****7**

Description	Value
Index	0xF98D (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.237.22 F98D:E4 FB Inputs

**8**

Description	Value
Index	0xF98D (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.22 F98D:E5 FB Inputs

**9**

Description	Value
Index	0xF98D (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.237.23 F98D:E6 FB Inputs

**0**

Description	Value
Index	0xF98D (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.23 F98D:E7 FB Inputs****1**

Description	Value
Index	0xF98D (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.23 F98D:E8 FB Inputs****2**

Description	Value
Index	0xF98D (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.23 F98D:E9 FB Inputs****3**

Description	Value
Index	0xF98D (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.23 F98D:EA FB Inputs**

**4**

Description	Value
Index	0xF98D (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.23 F98D:EB FB Inputs**

**5**

Description	Value
Index	0xF98D (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.23 F98D:EC FB Inputs**

**6**

Description	Value
Index	0xF98D (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.23 F98D:ED FB Inputs****7**

Description	Value
Index	0xF98D (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.23 F98D:EE FB Inputs****8**

Description	Value
Index	0xF98D (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.23 F98D:EF FB Inputs****9**

Description	Value
Index	0xF98D (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.24 F98D:F0 FB Inputs**

**0**

Description	Value
Index	0xF98D (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.24 F98D:F1 FB Inputs**

**1**

Description	Value
Index	0xF98D (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.24 F98D:F2 FB Inputs**

**2**

Description	Value
Index	0xF98D (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.24 F98D:F3 FB Inputs****3**

Description	Value
Index	0xF98D (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.24 F98D:F4 FB Inputs****4**

Description	Value
Index	0xF98D (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.24 F98D:F5 FB Inputs****5**

Description	Value
Index	0xF98D (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.24 F98D:F6 FB Inputs**

**6**

Description	Value
Index	0xF98D (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.24 F98D:F7 FB Inputs**

**7**

Description	Value
Index	0xF98D (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.24 F98D:F8 FB Inputs**

**8**

Description	Value
Index	0xF98D (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.24 F98D:F9 FB Inputs****9**

Description	Value
Index	0xF98D (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.25 F98D:FA FB Inputs****0**

Description	Value
Index	0xF98D (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.25 F98D:FB FB Inputs****1**

Description	Value
Index	0xF98D (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.237.25 F98D:FC FB Inputs**

**2**

Description	Value
Index	0xF98D (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.25 F98D:FD FB Inputs**

**3**

Description	Value
Index	0xF98D (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.25 F98D:FE FB Inputs**

**4**

Description	Value
Index	0xF98D (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.237.25 F98D:FF FB Inputs****5**

Description	Value
Index	0xF98D (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238 F98E:x FB 511-512 Outputs

Description	Value
Index	0xF98E (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	255 (0xFF)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.238.1 F98E:01 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.238.2 F98E:02 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.3 F98E:03 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.4 F98E:04 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.5 F98E:05 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.6 F98E:06 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.7 F98E:07 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.8 F98E:08 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.9 F98E:09 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.10 F98E:0A FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.11 F98E:0B FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.12 F98E:0C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.13 F98E:0D FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.14 F98E:0E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.15 F98E:0F FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.16 F98E:10 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.17 F98E:11 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.238.18 F98E:12 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.19 F98E:13 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.20 F98E:14 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.21 F98E:15 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.22 F98E:16 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.23 F98E:17 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.24 F98E:18 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.25 F98E:19 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.26 F98E:1A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.27 F98E:1B FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.28 F98E:1C FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.29 F98E:1D FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.30 F98E:1E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.31 F98E:1F FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.32 F98E:20 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.33 F98E:21 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.34 F98E:22 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.35 F98E:23 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.36 F98E:24 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.37 F98E:25 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.38 F98E:26 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.39 F98E:27 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.40 F98E:28 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.41 F98E:29 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.238.42 F98E:2A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.43 F98E:2B FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.44 F98E:2C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.45 F98E:2D FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.46 F98E:2E FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.47 F98E:2F FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.48 F98E:30 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.49 F98E:31 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.50 F98E:32 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.51 F98E:33 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.52 F98E:34 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.53 F98E:35 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.54 F98E:36 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.55 F98E:37 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.56 F98E:38 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.57 F98E:39 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.58 F98E:3A FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.59 F98E:3B FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.60 F98E:3C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.61 F98E:3D FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.62 F98E:3E FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.63 F98E:3F FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.64 F98E:40 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.65 F98E:41 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.238.66 F98E:42 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x42
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.67 F98E:43 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.68 F98E:44 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.69 F98E:45 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.70 F98E:46 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.71 F98E:47 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.72 F98E:48 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.73 F98E:49 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.74 F98E:4A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.75 F98E:4B FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.76 F98E:4C FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.77 F98E:4D FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.78 F98E:4E FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.79 F98E:4F FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.80 F98E:50 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.81 F98E:51 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.82 F98E:52 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.83 F98E:53 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.84 F98E:54 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.85 F98E:55 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.86 F98E:56 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.87 F98E:57 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.88 F98E:58 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.89 F98E:59 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.238.90 F98E:5A FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.91 F98E:5B FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.92 F98E:5C FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.93 F98E:5D FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.94 F98E:5E FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.95 F98E:5F FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.96 F98E:60 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.97 F98E:61 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.98 F98E:62 FB Inputs

Description	Value
Index	0xF98E (Device)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.99 F98E:63 FB Inputs**

Description	Value
Index	0xF98E (Device)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.10 F98E:64 FB Inputs****0**

Description	Value
Index	0xF98E (Device)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.10 F98E:65 FB Inputs****1**

Description	Value
Index	0xF98E (Device)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.10 F98E:66 FB Inputs**

**2**

Description	Value
Index	0xF98E (Device)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.10 F98E:67 FB Inputs**

**3**

Description	Value
Index	0xF98E (Device)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.10 F98E:68 FB Inputs**

**4**

Description	Value
Index	0xF98E (Device)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.10 F98E:69 FB Inputs****5**

Description	Value
Index	0xF98E (Device)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.10 F98E:6A FB Inputs****6**

Description	Value
Index	0xF98E (Device)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.10 F98E:6B FB Inputs****7**

Description	Value
Index	0xF98E (Device)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.10 F98E:6C FB Inputs**

**8**

Description	Value
Index	0xF98E (Device)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.10 F98E:6D FB Inputs**

**9**

Description	Value
Index	0xF98E (Device)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.11 F98E:6E FB Inputs**

**0**

Description	Value
Index	0xF98E (Device)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.11 F98E:6F FB Inputs****1**

Description	Value
Index	0xF98E (Device)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.11 F98E:70 FB Inputs****2**

Description	Value
Index	0xF98E (Device)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.11 F98E:71 FB Inputs****3**

Description	Value
Index	0xF98E (Device)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.238.11 F98E:72 FB Inputs**

**4**

Description	Value
Index	0xF98E (Device)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.11 F98E:73 FB Inputs**

**5**

Description	Value
Index	0xF98E (Device)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.11 F98E:74 FB Inputs**

**6**

Description	Value
Index	0xF98E (Device)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.11 F98E:75 FB Inputs****7**

Description	Value
Index	0xF98E (Device)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.11 F98E:76 FB Inputs****8**

Description	Value
Index	0xF98E (Device)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.11 F98E:77 FB Inputs****9**

Description	Value
Index	0xF98E (Device)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.12 F98E:78 FB Inputs**

**0**

Description	Value
Index	0xF98E (Device)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.12 F98E:79 FB Inputs**

**1**

Description	Value
Index	0xF98E (Device)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.12 F98E:7A FB Inputs**

**2**

Description	Value
Index	0xF98E (Device)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.12 F98E:7B FB Inputs****3**

Description	Value
Index	0xF98E (Device)
Subindex	0x7B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.12 F98E:7C FB Inputs****4**

Description	Value
Index	0xF98E (Device)
Subindex	0x7C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.12 F98E:7D FB Inputs****5**

Description	Value
Index	0xF98E (Device)
Subindex	0x7D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.12 F98E:7E FB Inputs**

**6**

Description	Value
Index	0xF98E (Device)
Subindex	0x7E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.12 F98E:7F FB Inputs**

**7**

Description	Value
Index	0xF98E (Device)
Subindex	0x7F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.12 F98E:80 FB Inputs**

**8**

Description	Value
Index	0xF98E (Device)
Subindex	0x80
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.12 F98E:81 FB Inputs****9**

Description	Value
Index	0xF98E (Device)
Subindex	0x81
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.13 F98E:82 FB Inputs****0**

Description	Value
Index	0xF98E (Device)
Subindex	0x82
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.13 F98E:83 FB Inputs****1**

Description	Value
Index	0xF98E (Device)
Subindex	0x83
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.13 F98E:84 FB Inputs**

**2**

Description	Value
Index	0xF98E (Device)
Subindex	0x84
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.13 F98E:85 FB Inputs**

**3**

Description	Value
Index	0xF98E (Device)
Subindex	0x85
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.13 F98E:86 FB Inputs**

**4**

Description	Value
Index	0xF98E (Device)
Subindex	0x86
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.13 F98E:87 FB Inputs****5**

Description	Value
Index	0xF98E (Device)
Subindex	0x87
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.13 F98E:88 FB Inputs****6**

Description	Value
Index	0xF98E (Device)
Subindex	0x88
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.13 F98E:89 FB Inputs****7**

Description	Value
Index	0xF98E (Device)
Subindex	0x89
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.238.13 F98E:8A FB Inputs**

**8**

Description	Value
Index	0xF98E (Device)
Subindex	0x8A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.13 F98E:8B FB Inputs**

**9**

Description	Value
Index	0xF98E (Device)
Subindex	0x8B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.14 F98E:8C FB Inputs**

**0**

Description	Value
Index	0xF98E (Device)
Subindex	0x8C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.14 F98E:8D FB Inputs****1**

Description	Value
Index	0xF98E (Device)
Subindex	0x8D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.14 F98E:8E FB Inputs****2**

Description	Value
Index	0xF98E (Device)
Subindex	0x8E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.14 F98E:8F FB Inputs****3**

Description	Value
Index	0xF98E (Device)
Subindex	0x8F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.14 F98E:90 FB Inputs**

**4**

Description	Value
Index	0xF98E (Device)
Subindex	0x90
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.14 F98E:91 FB Inputs**

**5**

Description	Value
Index	0xF98E (Device)
Subindex	0x91
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.14 F98E:92 FB Inputs**

**6**

Description	Value
Index	0xF98E (Device)
Subindex	0x92
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.14 F98E:93 FB Inputs****7**

Description	Value
Index	0xF98E (Device)
Subindex	0x93
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.14 F98E:94 FB Inputs****8**

Description	Value
Index	0xF98E (Device)
Subindex	0x94
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.14 F98E:95 FB Inputs****9**

Description	Value
Index	0xF98E (Device)
Subindex	0x95
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.15 F98E:96 FB Inputs**

**0**

Description	Value
Index	0xF98E (Device)
Subindex	0x96
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.15 F98E:97 FB Inputs**

**1**

Description	Value
Index	0xF98E (Device)
Subindex	0x97
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.15 F98E:98 FB Inputs**

**2**

Description	Value
Index	0xF98E (Device)
Subindex	0x98
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.15 F98E:99 FB Inputs****3**

Description	Value
Index	0xF98E (Device)
Subindex	0x99
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.15 F98E:9A FB Inputs****4**

Description	Value
Index	0xF98E (Device)
Subindex	0x9A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.15 F98E:9B FB Inputs****5**

Description	Value
Index	0xF98E (Device)
Subindex	0x9B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.15 F98E:9C FB Inputs**

**6**

Description	Value
Index	0xF98E (Device)
Subindex	0x9C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.15 F98E:9D FB Inputs**

**7**

Description	Value
Index	0xF98E (Device)
Subindex	0x9D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.15 F98E:9E FB Inputs**

**8**

Description	Value
Index	0xF98E (Device)
Subindex	0x9E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.15 F98E:9F FB Inputs****9**

Description	Value
Index	0xF98E (Device)
Subindex	0x9F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.16 F98E:A0 FB Inputs****0**

Description	Value
Index	0xF98E (Device)
Subindex	0xA0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.16 F98E:A1 FB Inputs****1**

Description	Value
Index	0xF98E (Device)
Subindex	0xA1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.238.16 F98E:A2 FB Inputs**

**2**

Description	Value
Index	0xF98E (Device)
Subindex	0xA2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.16 F98E:A3 FB Inputs**

**3**

Description	Value
Index	0xF98E (Device)
Subindex	0xA3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.16 F98E:A4 FB Inputs**

**4**

Description	Value
Index	0xF98E (Device)
Subindex	0xA4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.16 F98E:A5 FB Inputs****5**

Description	Value
Index	0xF98E (Device)
Subindex	0xA5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.16 F98E:A6 FB Inputs****6**

Description	Value
Index	0xF98E (Device)
Subindex	0xA6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.16 F98E:A7 FB Inputs****7**

Description	Value
Index	0xF98E (Device)
Subindex	0xA7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.16 F98E:A8 FB Inputs**

**8**

Description	Value
Index	0xF98E (Device)
Subindex	0xA8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.16 F98E:A9 FB Inputs**

**9**

Description	Value
Index	0xF98E (Device)
Subindex	0xA9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.17 F98E:AA FB Inputs**

**0**

Description	Value
Index	0xF98E (Device)
Subindex	0xAA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.17 F98E:AB FB Inputs****1**

Description	Value
Index	0xF98E (Device)
Subindex	0xAB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.17 F98E:AC FB Inputs****2**

Description	Value
Index	0xF98E (Device)
Subindex	0xAC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.17 F98E:AD FB Inputs****3**

Description	Value
Index	0xF98E (Device)
Subindex	0xAD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.17 F98E:AE FB Inputs**

**4**

Description	Value
Index	0xF98E (Device)
Subindex	0xAE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.17 F98E:AF FB Inputs**

**5**

Description	Value
Index	0xF98E (Device)
Subindex	0xAF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.17 F98E:B0 FB Inputs**

**6**

Description	Value
Index	0xF98E (Device)
Subindex	0xB0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.17 F98E:B1 FB Inputs****7**

Description	Value
Index	0xF98E (Device)
Subindex	0xB1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.17 F98E:B2 FB Inputs****8**

Description	Value
Index	0xF98E (Device)
Subindex	0xB2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.17 F98E:B3 FB Inputs****9**

Description	Value
Index	0xF98E (Device)
Subindex	0xB3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.18 F98E:B4 FB Inputs**

**0**

Description	Value
Index	0xF98E (Device)
Subindex	0xB4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.18 F98E:B5 FB Inputs**

**1**

Description	Value
Index	0xF98E (Device)
Subindex	0xB5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.18 F98E:B6 FB Inputs**

**2**

Description	Value
Index	0xF98E (Device)
Subindex	0xB6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.18 F98E:B7 FB Inputs****3**

Description	Value
Index	0xF98E (Device)
Subindex	0xB7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.18 F98E:B8 FB Inputs****4**

Description	Value
Index	0xF98E (Device)
Subindex	0xB8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.18 F98E:B9 FB Inputs****5**

Description	Value
Index	0xF98E (Device)
Subindex	0xB9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.238.18 F98E:BA FB Inputs**

**6**

Description	Value
Index	0xF98E (Device)
Subindex	0xBA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.18 F98E:BB FB Inputs**

**7**

Description	Value
Index	0xF98E (Device)
Subindex	0xBB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.18 F98E:BC FB Inputs**

**8**

Description	Value
Index	0xF98E (Device)
Subindex	0xBC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.18 F98E:BD FB Inputs****9**

Description	Value
Index	0xF98E (Device)
Subindex	0xBD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.19 F98E:BE FB Inputs****0**

Description	Value
Index	0xF98E (Device)
Subindex	0xBE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.19 F98E:BF FB Inputs****1**

Description	Value
Index	0xF98E (Device)
Subindex	0xBF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.19 F98E:C0 FB Inputs

**2**

Description	Value
Index	0xF98E (Device)
Subindex	0xC0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.19 F98E:C1 FB Inputs

**3**

Description	Value
Index	0xF98E (Device)
Subindex	0xC1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.19 F98E:C2 FB Inputs

**4**

Description	Value
Index	0xF98E (Device)
Subindex	0xC2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.19 F98E:C3 FB Inputs****5**

Description	Value
Index	0xF98E (Device)
Subindex	0xC3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.19 F98E:C4 FB Inputs****6**

Description	Value
Index	0xF98E (Device)
Subindex	0xC4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.19 F98E:C5 FB Inputs****7**

Description	Value
Index	0xF98E (Device)
Subindex	0xC5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.19 F98E:C6 FB Inputs**

**8**

Description	Value
Index	0xF98E (Device)
Subindex	0xC6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.19 F98E:C7 FB Inputs**

**9**

Description	Value
Index	0xF98E (Device)
Subindex	0xC7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.20 F98E:C8 FB Inputs**

**0**

Description	Value
Index	0xF98E (Device)
Subindex	0xC8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.20 F98E:C9 FB Inputs****1**

Description	Value
Index	0xF98E (Device)
Subindex	0xC9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.20 F98E:CA FB Inputs****2**

Description	Value
Index	0xF98E (Device)
Subindex	0xCA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.20 F98E:CB FB Inputs****3**

Description	Value
Index	0xF98E (Device)
Subindex	0xCB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.20 F98E:CC FB Inputs

**4**

Description	Value
Index	0xF98E (Device)
Subindex	0xCC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.20 F98E:CD FB Inputs

**5**

Description	Value
Index	0xF98E (Device)
Subindex	0xCD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.238.20 F98E:CE FB Inputs

**6**

Description	Value
Index	0xF98E (Device)
Subindex	0xCE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.20 F98E:CF FB Inputs****7**

Description	Value
Index	0xF98E (Device)
Subindex	0xCF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.20 F98E:D0 FB Inputs****8**

Description	Value
Index	0xF98E (Device)
Subindex	0xD0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.20 F98E:D1 FB Inputs****9**

Description	Value
Index	0xF98E (Device)
Subindex	0xD1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.238.21 F98E:D2 FB Inputs**

**0**

Description	Value
Index	0xF98E (Device)
Subindex	0xD2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.21 F98E:D3 FB Inputs**

**1**

Description	Value
Index	0xF98E (Device)
Subindex	0xD3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.21 F98E:D4 FB Inputs**

**2**

Description	Value
Index	0xF98E (Device)
Subindex	0xD4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.21 F98E:D5 FB Inputs****3**

Description	Value
Index	0xF98E (Device)
Subindex	0xD5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.21 F98E:D6 FB Inputs****4**

Description	Value
Index	0xF98E (Device)
Subindex	0xD6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.21 F98E:D7 FB Inputs****5**

Description	Value
Index	0xF98E (Device)
Subindex	0xD7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.21 F98E:D8 FB Inputs**

**6**

Description	Value
Index	0xF98E (Device)
Subindex	0xD8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.21 F98E:D9 FB Inputs**

**7**

Description	Value
Index	0xF98E (Device)
Subindex	0xD9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.21 F98E:DA FB Inputs**

**8**

Description	Value
Index	0xF98E (Device)
Subindex	0xDA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.21 F98E:DB FB Inputs****9**

Description	Value
Index	0xF98E (Device)
Subindex	0xDB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.22 F98E:DC FB Inputs****0**

Description	Value
Index	0xF98E (Device)
Subindex	0xDC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.22 F98E:DD FB Inputs****1**

Description	Value
Index	0xF98E (Device)
Subindex	0xDD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.22 F98E:DE FB Inputs**

**2**

Description	Value
Index	0xF98E (Device)
Subindex	0xDE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.22 F98E:DF FB Inputs**

**3**

Description	Value
Index	0xF98E (Device)
Subindex	0xDF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.22 F98E:E0 FB Inputs**

**4**

Description	Value
Index	0xF98E (Device)
Subindex	0xE0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.22 F98E:E1 FB Inputs****5**

Description	Value
Index	0xF98E (Device)
Subindex	0xE1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.22 F98E:E2 FB Inputs****6**

Description	Value
Index	0xF98E (Device)
Subindex	0xE2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.22 F98E:E3 FB Inputs****7**

Description	Value
Index	0xF98E (Device)
Subindex	0xE3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.22 F98E:E4 FB Inputs**

**8**

Description	Value
Index	0xF98E (Device)
Subindex	0xE4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.22 F98E:E5 FB Inputs**

**9**

Description	Value
Index	0xF98E (Device)
Subindex	0xE5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.23 F98E:E6 FB Inputs**

**0**

Description	Value
Index	0xF98E (Device)
Subindex	0xE6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.23 F98E:E7 FB Inputs****1**

Description	Value
Index	0xF98E (Device)
Subindex	0xE7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.23 F98E:E8 FB Inputs****2**

Description	Value
Index	0xF98E (Device)
Subindex	0xE8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.23 F98E:E9 FB Inputs****3**

Description	Value
Index	0xF98E (Device)
Subindex	0xE9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.238.23 F98E:EA FB Inputs**

**4**

Description	Value
Index	0xF98E (Device)
Subindex	0xEA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.23 F98E:EB FB Inputs**

**5**

Description	Value
Index	0xF98E (Device)
Subindex	0xEB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.23 F98E:EC FB Inputs**

**6**

Description	Value
Index	0xF98E (Device)
Subindex	0xEC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.23 F98E:ED FB Inputs****7**

Description	Value
Index	0xF98E (Device)
Subindex	0xED
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.23 F98E:EE FB Inputs****8**

Description	Value
Index	0xF98E (Device)
Subindex	0xEE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.23 F98E:EF FB Inputs****9**

Description	Value
Index	0xF98E (Device)
Subindex	0xEF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.24 F98E:F0 FB Inputs**

**0**

Description	Value
Index	0xF98E (Device)
Subindex	0xF0
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.24 F98E:F1 FB Inputs**

**1**

Description	Value
Index	0xF98E (Device)
Subindex	0xF1
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.24 F98E:F2 FB Inputs**

**2**

Description	Value
Index	0xF98E (Device)
Subindex	0xF2
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.24 F98E:F3 FB Inputs****3**

Description	Value
Index	0xF98E (Device)
Subindex	0xF3
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.24 F98E:F4 FB Inputs****4**

Description	Value
Index	0xF98E (Device)
Subindex	0xF4
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.24 F98E:F5 FB Inputs****5**

Description	Value
Index	0xF98E (Device)
Subindex	0xF5
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.24 F98E:F6 FB Inputs**

**6**

Description	Value
Index	0xF98E (Device)
Subindex	0xF6
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.24 F98E:F7 FB Inputs**

**7**

Description	Value
Index	0xF98E (Device)
Subindex	0xF7
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.24 F98E:F8 FB Inputs**

**8**

Description	Value
Index	0xF98E (Device)
Subindex	0xF8
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.24 F98E:F9 FB Inputs****9**

Description	Value
Index	0xF98E (Device)
Subindex	0xF9
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.25 F98E:FA FB Inputs****0**

Description	Value
Index	0xF98E (Device)
Subindex	0xFA
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.25 F98E:FB FB Inputs****1**

Description	Value
Index	0xF98E (Device)
Subindex	0xFB
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.25 F98E:FC FB Inputs**

**2**

Description	Value
Index	0xF98E (Device)
Subindex	0xFC
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.25 F98E:FD FB Inputs**

**3**

Description	Value
Index	0xF98E (Device)
Subindex	0xFD
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.25 F98E:FE FB Inputs**

**4**

Description	Value
Index	0xF98E (Device)
Subindex	0xFE
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.238.25 F98E:FF FB Inputs****5**

Description	Value
Index	0xF98E (Device)
Subindex	0xFF
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.239 F990 FB Analog Inputs

Description	Value
Index	0xF990 (Device)
Subindex	0x00
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.240 F991 FB Analog Outputs

Description	Value
Index	0xF991 (Device)
Subindex	0x00
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.241 F9A8:x Local Process Image Area Sizes

Description	Value
Index	0xF9A8 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	32 (0x20)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.241.1 F9A8:01 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.241.2 F9A8:02 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.3 F9A8:03 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.4 F9A8:04 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.5 F9A8:05 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.241.6 F9A8:06 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.241.7 F9A8:07 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.241.8 F9A8:08 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.9 F9A8:09 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.10 F9A8:0A Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.11 F9A8:0B Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.241.12 F9A8:0C Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.241.13 F9A8:0D Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.241.14 F9A8:0E Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.15 F9A8:0F Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.16 F9A8:10 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.17 F9A8:11 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.241.18 F9A8:12 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.19 F9A8:13 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.20 F9A8:14 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.21 F9A8:15 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.22 F9A8:16 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.23 F9A8:17 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.24 F9A8:18 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.25 F9A8:19 Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.26 F9A8:1A Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.27 F9A8:1B Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.28 F9A8:1C Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.241.29 F9A8:1D Area**

Description	Value
Index	0xF9A8 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.241.30 F9A8:1E Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.241.31 F9A8:1F Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.241.32 F9A8:20 Area

Description	Value
Index	0xF9A8 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.242 F9A9:x Local Process Image Area Addresses

Description	Value
Index	0xF9A9 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	32 (0x20)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.242.1 F9A9:01 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.242.2 F9A9:02 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.3 F9A9:03 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.4 F9A9:04 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.5 F9A9:05 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.6 F9A9:06 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.7 F9A9:07 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.8 F9A9:08 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.242.9 F9A9:09 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.10 F9A9:0A Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.11 F9A9:0B Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.12 F9A9:0C Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.13 F9A9:0D Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.14 F9A9:0E Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.15 F9A9:0F Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.16 F9A9:10 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.17 F9A9:11 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.18 F9A9:12 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.19 F9A9:13 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.20 F9A9:14 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.242.21 F9A9:15 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.242.22 F9A9:16 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.242.23 F9A9:17 Area

Description	Value
Index	0xF9A9 (Device)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.24 F9A9:18 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.25 F9A9:19 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.26 F9A9:1A Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.27 F9A9:1B Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.28 F9A9:1C Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.29 F9A9:1D Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.30 F9A9:1E Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.31 F9A9:1F Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.242.32 F9A9:20 Area**

Description	Value
Index	0xF9A9 (Device)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 3.243 F9C0:x Safety Device Info

Description	Value
Index	0xF9C0 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.243.1 F9C0:01 Device name

Description	Value
Index	0xF9C0 (Device)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.243.2 F9C0:02 Software version

Description	Value
Index	0xF9C0 (Device)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.243.3 F9C0:03 Bootloader version**

Description	Value
Index	0xF9C0 (Device)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.243.4 F9C0:04 Software checksum**

Description	Value
Index	0xF9C0 (Device)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.243.5 F9C0:05 Bootmanager checksum**

Description	Value
Index	0xF9C0 (Device)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.243.6 F9C0:06 Bootloader checksum

Description	Value
Index	0xF9C0 (Device)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.243.7 F9C0:07 TwinSAFE Logic Version

Description	Value
Index	0xF9C0 (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.244 F9FF:x Local Safe User Parameter

Description	Value
Index	0xF9FF (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.244.1 F9FF:01 LengthOfAppParameter

Description	Value
Index	0xF9FF (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	214 (0x00D6)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.244.2 F9FF:02 SafetyIdent**

Description	Value
Index	0xF9FF (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	8900 (0x22C4)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.244.3 F9FF:03 SafetyVersion**

Description	Value
Index	0xF9FF (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	32768 (0x8000)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.245 FE30:x FS Restore Mode

Description	Value
Index	0xFE30 (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.245.1 FE30:01 Store Code

Description	Value
Index	0xFE30 (Device)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.245.2 FE30:02 Project CRC

Description	Value
Index	0xFE30 (Device)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.246 FEA0:x CTRL Diag Data

Description	Value
Index	0xFEAO (Device)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	29 (0x1D)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.246.1 FEA0:01 CTRLC1 Module State

Description	Value
Index	0xFEAO (Device)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 3.246.2 FEA0:02 CTRLC2 Module State

Description	Value
Index	0xFEAO (Device)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.3 FEA0:03 CTRLC1 Global Fault Code**

Description	Value
Index	0xFEAO (Device)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.4 FEA0:04 CTRLC1 Global Fault Additional Code**

Description	Value
Index	0xFEAO (Device)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.5 FEA0:05 CTRLC2 Global Fault Code**

Description	Value
Index	0xFEAO (Device)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**3.246.6 FEA0:06 CTRLC2 Global Fault Additional Code**

Description	Value
Index	0xFEAO (Device)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.7 FEA0:07 Main Loop Task Exceeded Counter In Run**

Description	Value
Index	0xFEAO (Device)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.8 FEA0:08 Main Loop Task Exceeded Counter In Stop**

Description	Value
Index	0xFEAO (Device)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.9 FEA0:09 Actual Safety Control Task Execution Time In Run**

Description	Value
Index	0xFEAO (Device)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.10 FEA0:0A Min Safety Control Task Execution Time In Run**

Description	Value
Index	0xFEAO (Device)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.11 FEA0:0B Max Safety Control Task Execution Time In Run**

Description	Value
Index	0xFEAO (Device)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.246.12 FEA0:0C Actual Safety Control Task Distance Time In Run

Description	Value
Index	0xFEAO (Device)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.246.13 FEA0:0D Min Safety Control Task Distance Time In Run

Description	Value
Index	0xFEAO (Device)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.246.14 FEA0:0E Max Safety Control Task Distance Time In Run

Description	Value
Index	0xFEAO (Device)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.15 FEA0:0F Actual Main Loop Task Execution Time In Run**

Description	Value
Index	0xFEAO (Device)
Subindex	0x0F
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.16 FEA0:10 Min Main Loop Task Execution Time In Run**

Description	Value
Index	0xFEAO (Device)
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.17 FEA0:11 Max Main Loop Task Execution Time In Run**

Description	Value
Index	0xFEAO (Device)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.246.18 FEA0:12 Actual Monitoring Task Execution Time

Description	Value
Index	0xFEAO (Device)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.246.19 FEA0:13 Min Monitoring Task Execution Time

Description	Value
Index	0xFEAO (Device)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 3.246.20 FEA0:14 Max Monitoring Task Execution Time

Description	Value
Index	0xFEAO (Device)
Subindex	0x14
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.21 FEA0:15 Actual Safety Control Task Execution Time In Stop**

Description	Value
Index	0xFEAO (Device)
Subindex	0x15
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.22 FEA0:16 Min Safety Control Task Execution Time In Stop**

Description	Value
Index	0xFEAO (Device)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.23 FEA0:17 Max Safety Control Task Execution Time In Stop**

Description	Value
Index	0xFEAO (Device)
Subindex	0x17
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.24 FEA0:18 Actual Safety Control Task Distance Time In Stop**

Description	Value
Index	0xFEAO (Device)
Subindex	0x18
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.25 FEA0:19 Min Safety Control Task Distance Time In Stop**

Description	Value
Index	0xFEAO (Device)
Subindex	0x19
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.26 FEA0:1A Max Safety Control Task Distance Time In Stop**

Description	Value
Index	0xFEAO (Device)
Subindex	0x1A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.27 FEA0:1B Actual Main Loop Task Execution Time In Stop**

Description	Value
Index	0xFEAO (Device)
Subindex	0x1B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.28 FEA0:1C Min Main Loop Task Execution Time In Stop**

Description	Value
Index	0xFEAO (Device)
Subindex	0x1C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**3.246.29 FEA0:1D Max Main Loop Task Execution Time In Stop**

Description	Value
Index	0xFEAO (Device)
Subindex	0x1D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



## 4 Objects of module DeviceDebug

### 4.1 1600:x DeviceDebug Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1600 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 4.2 16E0:x DeviceDebug Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x16E0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 4.3 1A00:x DeviceDebug Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1A00 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 4.4 1AE0:x DeviceDebug Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	0x1AE0 (Device)
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5 Objects of module AxisMain

### 5.1 1600:x AxisMain Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 5.2 16E0:x AxisMain Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.3 1A00:x AxisMain Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 5.4 1AE0:x AxisMain Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



## 5.5 3000:x AxisMain parameters

This object contains parameters to manage the automatic motor brake control.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	19 (0x13)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.5.1 3000:01 Motor brake type

Activates drive internal automatic brake control.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	No_motor_brake (0)
Default	No_motor_brake (0)
Max. Value	Currentless_locked_motor_brake (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Currentless_locked_motor_brake
0 (0x00)	No_motor_brake

### 5.5.2 3000:02 Motor brake usage

Configures the error reaction behavior of the motor brake.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	Standard_holding_brake (0)
Default	Standard_holding_brake (0)
Max. Value	Holding_brake_Emergency_brake (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Holding_brake_Emergency_brake
0 (0x00)	Standard_holding_brake

### 5.5.3 3000:03 Drive on delay time

With the transition of the PDS state machine to "operation enabled" "drive on delay time" is started. The drive follows the command values after the "drive on delay time" has elapsed. The motor brake management uses this time to unlock the motor brake before motion is enabled.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	0
Default	100 (0x00000064)
Max. Value	5000 (0x00001388)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.5.4 3000:04 Drive off delay time

After "operation enabled" of the PDS state machine is removed and the axis is in the standstill window, the locking of the brake is initiated and the drive off delay time is started. The torque/force remains activated in the drive until the configured drive off delay time is elapsed. The motor brake management uses this time to lock the motor brake before the torque/force is switched off..

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	0
Default	150 (0x00000096)
Max. Value	5000 (0x00001388)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.5.5 3000:05 Motor brake current monitoring level

If the motor brake current remains below the specified threshold, an error is reported. Motor brake current monitoring level is only active if brake control is enabled.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.05
Max. Value	2.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.5.6 3000:06 Configured drive type

This object indicates the configured drive type.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x06
Datatype	VISIBLE_STRING
Min. Value	
Default	not set
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.5.7 3000:07 Motor brake force

Force drive internal brake.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x07
Datatype	ENUM (INT16)
Min. Value	Release_force (0)
Default	Release_force (0)
Max. Value	Force_unlock (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Force_unlock
1 (0x01)	Force_lock
0 (0x00)	Release_force

### 5.5.8 3000:08 Modulo data storage

Store module remainder cyclic and powersafe.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x08
Datatype	ENUM (UINT16)
Min. Value	Modulo_data_storage_disabled (0)
Default	Modulo_data_storage_disabled (0)
Max. Value	Modulo_data_storage_PrimaryFeedback (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Modulo_data_storage_SecondaryFeedback
1 (0x01)	Modulo_data_storage_PrimaryFeedback
0 (0x00)	Modulo_data_storage_disabled

### 5.5.9 3000:09 Voltage enabled bit support

Activate voltage enabled bit in the statusword (optional in ETG6010).

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x09
Datatype	ENUM (UINT8)
Min. Value	feature_disabled (0)
Default	feature_disabled (0)
Max. Value	feature_enabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

### 5.5.10 3000:0A Touch probe 1 edge filter time

A filter time can configured to prevent multiple latch events caused due to a bouncing input signal.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x0A
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	100000 (0x000186A0)
Unit	Âµs
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.5.11 3000:0B Touch probe 2 edge filter time

A filter time can be configured to prevent multiple latch events caused due to a bouncing input signal.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x0B
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	100000 (0x000186A0)
Unit	Âµs
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.5.12 3000:0C Digital input 1 force

The input state of the digital input can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x0C
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

### 5.5.13 3000:0D Digital input 2 force

The input state of the digital input can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x0D
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

### 5.5.14 3000:0E Digital input 3 force

The input state of the digital input can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x0E
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

### 5.5.15 3000:0F Digital input 4 force

The input state of the digital input can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x0F
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

### 5.5.16 3000:10 Digital output force

The input state of the digital input can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x10
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

### 5.5.17 3000:10 Digital output 2 force

The state of the digital output can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x10
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

### 5.5.18 3000:11 Digital output 1 force

The state of the digital output can be forced with this parameter.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x11
Datatype	ENUM (INT16)
Min. Value	DigIO_release_force (0)
Default	DigIO_release_force (0)
Max. Value	DigIO_force_0 (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DigIO_force_0
1 (0x01)	DigIO_force_1
0 (0x00)	DigIO_release_force

### 5.5.19 3000:12 Touch probe 1 position source

This object defines the used position input for touch probe 1.



Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x12
Datatype	ENUM (INT16)
Min. Value	Position_actual_value (0)
Default	Position_actual_value (0)
Max. Value	First_additional_position_actual_value (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	First_additional_position_actual_value
0 (0x00)	Position_actual_value

### 5.5.20 3000:13 Touch probe 2 position source

This object defines the used position input for touch probe 2.

Description	Value
Index	AxisMainSlot: 0x3000 (Ch A)/ 0x3400 (Ch B)
Subindex	0x13
Datatype	ENUM (INT16)
Min. Value	Position_actual_value (0)
Default	Position_actual_value (0)
Max. Value	First_additional_position_actual_value (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	First_additional_position_actual_value
0 (0x00)	Position_actual_value

## 5.6 3001:x AxisMain actual values

This object contains manufacturer specific actual values from the module AxisMain.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)/ 0x3401 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	11 (0x0B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.6.1 3001:01 Actual motor brake current

The actual motor brake current in ampere.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)/ 0x3401 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 5.6.2 3001:02 IGBT temperature

This object provides the actual power stage temperature of this channel.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)/ 0x3401 (Ch B)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 5.6.3 3001:03 Missing output cycle counter increments

This object provides a diagnosis info about the number of missed output cycle counter increments, if the feature is enabled.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)/ 0x3401 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 5.6.4 3001:04 Output stage safety state

This object provides a diagnosis info about the actual state of the output stage.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)/ 0x3401 (Ch B)
Subindex	0x04
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	ready_state
0 (0x00)	safe_state

### 5.6.5 3001:05 Dyninput cycle counter

Cycle counter to monitor the dynamic input process data.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)/ 0x3401 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 5.6.6 3001:06 Missing dynoutput cycle counter increments

This object provides a diagnosis info about the number of missed output cycle counter increments, if the feature is enabled.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)/ 0x3401 (Ch B)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 5.6.7 3001:07 Actual motor brake state

The actual motor brake state.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)/ 0x3401 (Ch B)
Subindex	0x07
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	Motor_brake_unlocked
0 (0x00)	Motor_brake_locked

### 5.6.8 3001:08 Current error reaction

The actual processed error reaction.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)/ 0x3401 (Ch B)
Subindex	0x08
Datatype	ENUM (UINT32)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
5 (0x05)	Reaction_Torque_Off
4 (0x04)	Reaction_ShortedCoils_or_DC
3 (0x03)	Reaction_Open_loop_ramp
2 (0x02)	Reaction_Closed_loop_ramp
1 (0x01)	Reaction_NC_Handling
0 (0x00)	Reaction_None

### 5.6.9 3001:09 Actual motor brake state with delay time

The actual motor brake state including the drive on/off delay time.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)/ 0x3401 (Ch B)
Subindex	0x09
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	Motor_brake_unlocked
0 (0x00)	Motor_brake_locked

### 5.6.10 3001:0A Fast stop position

This object shall provide the latched fast stop position.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)/ 0x3401 (Ch B)
Subindex	0x0A
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 5.6.11 3001:0B Fast stop state

This object contains manufacturer specific actual values from the module AxisMain.

Description	Value
Index	AxisMainSlot: 0x3001 (Ch A)/ 0x3401 (Ch B)
Subindex	0x0B
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
12 (0x0C)	FastStopWithoutMovementStandstillReached
11 (0x0B)	FastStopDuringNegMovementStandstillReached
10 (0x0A)	FastStopDuringPosMovementStandstillReached
4 (0x04)	FastStopWithoutMovement
3 (0x03)	FastStopDuringNegativeMovement
2 (0x02)	FastStopDuringPositiveMovement
1 (0x01)	FastStopIdle
0 (0x00)	FastStopNotConfigured

## 5.7 3002:x AxisMain parameters positive limit switch

This object contains parameters to configure a positive limit switch.

Description	Value
Index	AxisMainSlot: 0x3002 (Ch A)/ 0x3402 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.7.1 3002:01 Configuration

This object configures the type of the limit switch.

Description	Value
Index	AxisMainSlot: 0x3002 (Ch A)/ 0x3402 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	No_limit_switch (0)
Default	No_limit_switch (0)
Max. Value	Normally_open (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Normally_open
1 (0x01)	Normally_closed
0 (0x00)	No_limit_switch

### 5.7.2 3002:02 Input number

This object configures the digital input number of the limit switch.

Description	Value
Index	AxisMainSlot: 0x3002 (Ch A)/ 0x3402 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	Digital_input_1 (0)
Default	Digital_input_3 (2)
Max. Value	Digital_input_4 (3)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Digital_input_4
2 (0x02)	Digital_input_3
1 (0x01)	Digital_input_2
0 (0x00)	Digital_input_1

### 5.7.3 3002:03 Reaction

This object configures the drive reaction, if it detects a limit switch.

Description	Value
Index	AxisMainSlot: 0x3002 (Ch A)/ 0x3402 (Ch B)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	EStop_with_error (0)
Default	EStop_with_error (0)
Max. Value	Axis_halt_with_warning (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Axis_halt_with_warning
0 (0x00)	EStop_with_error



## 5.8 3003:x AxisMain parameters negative limit switch

This object contains parameters to configure a negative limit switch.

Description	Value
Index	AxisMainSlot: 0x3003 (Ch A)/ 0x3403 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.8.1 3003:01 Configuration

This object configures the type of the limit switch.

Description	Value
Index	AxisMainSlot: 0x3003 (Ch A)/ 0x3403 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	No_limit_switch (0)
Default	No_limit_switch (0)
Max. Value	Normally_open (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Normally_open
1 (0x01)	Normally_closed
0 (0x00)	No_limit_switch

### 5.8.2 3003:02 Input number

This object configures the digital input number of the limit switch.

Description	Value
Index	AxisMainSlot: 0x3003 (Ch A)/ 0x3403 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	Digital_input_1 (0)
Default	Digital_input_4 (3)
Max. Value	Digital_input_4 (3)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Digital_input_4
2 (0x02)	Digital_input_3
1 (0x01)	Digital_input_2
0 (0x00)	Digital_input_1

### 5.8.3 3003:03 Reaction

This object configures the drive reaction, if it detects a limit switch.

Description	Value
Index	AxisMainSlot: 0x3003 (Ch A)/ 0x3403 (Ch B)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	EStop_with_error (0)
Default	EStop_with_error (0)
Max. Value	Axis_halt_with_warning (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Axis_halt_with_warning
0 (0x00)	EStop_with_error

## 5.9 3004:x AxisMain parameters error manager

This object contains parameters to configure the error manager.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	18 (0x12)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.9.1 3004:01 Error reaction delay time

This object shall indicate the delay time if an error reaction is performed in the PDS.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	3000.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.9.2 3004:02 Choose force reaction

This object shall indicate the forced error reaction.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	Torque_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x0002)	Closed_loop_ramp
0 (0x0000)	Torque_Off
-1 (0xFFFF)	NC_Handling
-2 (0xFFFE)	ShortedCoils_or_DC

### 5.9.3 3004:03 Force reaction

This object is to perform the forced error reaction.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x03
Datatype	BOOL
Min. Value	FALSE
Default	FALSE
Max. Value	TRUE
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.9.4 3004:04 Extended fault reset

Unlock Fault reset command for errors with extended reset condition.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x04
Datatype	ENUM (UINT8)
Min. Value	Extended_fault_reset_disabled (0)
Default	Extended_fault_reset_disabled (0)
Max. Value	Extended_fault_reset_enabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Extended_fault_reset_enabled
0 (0x00)	Extended_fault_reset_disabled

### 5.9.5 3004:05 Propagate error type torque off

With the help of the propagate error type parameters, you can set which error is to be sent to other 'gantry axis'.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x05
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.9.6 3004:06 Propagate error type shorted coils brake

With the help of the propagate error type parameters, you can set which error is to be sent to other 'gantry axis'.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x06
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.9.7 3004:07 Propagate error type open loop ramp

With the help of the propagate error type parameters, you can set which error is to be sent to other 'gantry axis'.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x07
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.9.8 3004:08 Propagate error type closed loop ramp

With the help of the propagate error type parameters, you can set which error is to be sent to other 'gantry axis'.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x08
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.9.9 3004:09 Propagate error type nc handling

With the help of the propagate error type parameters, you can set which error is to be sent to other 'gantry axis'.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x09
Datatype	BOOL
Min. Value	
Default	FALSE
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.9.10 3004:0A reserve 1

reserved for future use

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x0A
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.9.11 3004:0B reserve 2

reserved for future use

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x0B
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.9.12 3004:0C reserve 3

reserved for future use

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x0C
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.9.13 3004:0D Propagate errors

The selection of the error transmission is defined by this object.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x0D
Datatype	ENUM (UINT8)
Min. Value	
Default	PropagateErrors_No (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
9 (0x09)	PropagateErrors_ToOtherCh
8 (0x08)	PropagateErrors_ToDigOut
0 (0x00)	PropagateErrors_No

### 5.9.14 3004:0E React on propagated error

This object shall indicate the reaction on a propagated error.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x0E
Datatype	ENUM (INT16)
Min. Value	
Default	Torque_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x0002)	Closed_loop_ramp
0 (0x0000)	Torque_Off
-1 (0xFFFF)	NC_Handling
-2 (0xFFFE)	ShortedCoils_or_DC

### 5.9.15 3004:0F Receive propagated errors

The receiving channel of an error is defined with this object.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x0F
Datatype	ENUM (UINT8)
Min. Value	
Default	ReceivePropagateErrors_No (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
9 (0x09)	ReceivePropagateErrors_OnOtherCh
4 (0x04)	ReceivePropagateErrors_OnDigIn4
3 (0x03)	ReceivePropagateErrors_OnDigIn3
2 (0x02)	ReceivePropagateErrors_OnDigIn2
1 (0x01)	ReceivePropagateErrors_OnDigIn1
0 (0x00)	ReceivePropagateErrors_No

### 5.9.16 3004:10 Relegate extended fault reset

Relegate extended fault reset to normal reset. (Not recommended)



Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x10
Datatype	ENUM (UINT8)
Min. Value	feature_disabled (0)
Default	feature_disabled (0)
Max. Value	feature_enabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

### 5.9.17 3004:11 Park axis

Set the axis into parked state.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x11
Datatype	ENUM (UINT8)
Min. Value	feature_disabled (0)
Default	feature_disabled (0)
Max. Value	feature_enabled (1)
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

### 5.9.18 3004:12 Maximum torque off delay time

After "torque off" error is thrown, the maximum torque off delay time is started. After the maximum torque off delay time is elapsed, the locking of the brake is initiated and the torque/force is disabled independent of the actual motor speed.

Description	Value
Index	AxisMainSlot: 0x3004 (Ch A)/ 0x3404 (Ch B)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	10.0
Max. Value	100.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.10 3005:x AxisMain scaling index

This object contains scaling informations for objects with not fixed scaling.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)/ 0x3405 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	11 (0x0B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.10.1 3005:01 Scaling index position NC

Scaling of DS402/integer position values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)/ 0x3405 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_360Degree_as_2Pow20 (4628)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
6662 (0x1A06)	Scale_1_Picometer
6661 (0x1A05)	Scale_10_Picometer
6660 (0x1A04)	Scale_100_Picometer
6659 (0x1A03)	Scale_1_Nanometer
6658 (0x1A02)	Scale_10_Nanometer
6657 (0x1A01)	Scale_100_Nanometer
6656 (0x1A00)	Scale_1_Micrometer
4640 (0x1220)	Scale_360Degree_as_2Pow32
4639 (0x121F)	Scale_360Degree_as_2Pow31
4638 (0x121E)	Scale_360Degree_as_2Pow30
4637 (0x121D)	Scale_360Degree_as_2Pow29
4636 (0x121C)	Scale_360Degree_as_2Pow28
4635 (0x121B)	Scale_360Degree_as_2Pow27
4634 (0x121A)	Scale_360Degree_as_2Pow26
4633 (0x1219)	Scale_360Degree_as_2Pow25
4632 (0x1218)	Scale_360Degree_as_2Pow24
4631 (0x1217)	Scale_360Degree_as_2Pow23
4630 (0x1216)	Scale_360Degree_as_2Pow22
4629 (0x1215)	Scale_360Degree_as_2Pow21
4628 (0x1214)	Scale_360Degree_as_2Pow20
4627 (0x1213)	Scale_360Degree_as_2Pow19
4626 (0x1212)	Scale_360Degree_as_2Pow18
4625 (0x1211)	Scale_360Degree_as_2Pow17
4624 (0x1210)	Scale_360Degree_as_2Pow16

### 5.10.2 3005:02 Scaling index velocity NC

Scaling of DS402/integer velocity values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)/ 0x3405 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_0dot0001_rpm (8192)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
8448 (0x2100)	Scale_0dot1_um_per_Second
8192 (0x2000)	Scale_0dot0001_rpm

### 5.10.3 3005:03 Scaling index acceleration

Scaling of acceleration values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)/ 0x3405 (Ch B)
Subindex	0x03
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_1_Degree_per_Second_squared (12288)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
12544 (0x3100)	Scale_1_mm_per_Second_squared
12288 (0x3000)	Scale_1_Degree_per_Second_squared

### 5.10.4 3005:04 Scaling index jerk

Scaling of jerk values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)/ 0x3405 (Ch B)
Subindex	0x04
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_100_Degree_per_Second_cubed (16384)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
16640 (0x4100)	Scale_100_mm_per_Second_cubed
16384 (0x4000)	Scale_100_Degree_per_Second_cubed

### 5.10.5 3005:05 Scaling index torque or force

Scaling of torque or force values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)/ 0x3405 (Ch B)
Subindex	0x05
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_1_Nm (20480)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
20736 (0x5100)	Scale_1_N
20480 (0x5000)	Scale_1_Nm

### 5.10.6 3005:06 Scaling index position NC per second

Scaling of derivative DS402/integer position values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)/ 0x3405 (Ch B)
Subindex	0x06
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_360Degree_as_2Pow20_per_Second (25108)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
27142 (0x6A06)	Scale_1_Picometer_per_Second
27141 (0x6A05)	Scale_10_Picometer_per_Second
27140 (0x6A04)	Scale_100_Picometer_per_Second
27139 (0x6A03)	Scale_1_Nanometer_per_Second
27138 (0x6A02)	Scale_10_Nanometer_per_Second
27137 (0x6A01)	Scale_100_Nanometer_per_Second
27136 (0x6A00)	Scale_1_Micrometer_per_Second
25120 (0x6220)	Scale_360Degree_as_2Pow32_per_Second
25119 (0x621F)	Scale_360Degree_as_2Pow31_per_Second
25118 (0x621E)	Scale_360Degree_as_2Pow30_per_Second
25117 (0x621D)	Scale_360Degree_as_2Pow29_per_Second
25116 (0x621C)	Scale_360Degree_as_2Pow28_per_Second
25115 (0x621B)	Scale_360Degree_as_2Pow27_per_Second
25114 (0x621A)	Scale_360Degree_as_2Pow26_per_Second
25113 (0x6219)	Scale_360Degree_as_2Pow25_per_Second
25112 (0x6218)	Scale_360Degree_as_2Pow24_per_Second
25111 (0x6217)	Scale_360Degree_as_2Pow23_per_Second
25110 (0x6216)	Scale_360Degree_as_2Pow22_per_Second
25109 (0x6215)	Scale_360Degree_as_2Pow21_per_Second
25108 (0x6214)	Scale_360Degree_as_2Pow20_per_Second
25107 (0x6213)	Scale_360Degree_as_2Pow19_per_Second
25106 (0x6212)	Scale_360Degree_as_2Pow18_per_Second
25105 (0x6211)	Scale_360Degree_as_2Pow17_per_Second
25104 (0x6210)	Scale_360Degree_as_2Pow16_per_Second

### 5.10.7 3005:07 Scaling index velocity NC per second

Scaling of derivative DS402/integer velocity values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)/ 0x3405 (Ch B)
Subindex	0x07
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_0dot0001_rpm_per_Second (28672)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
28928 (0x7100)	Scale_0dot1_um_per_Second_squared
28672 (0x7000)	Scale_0dot0001_rpm_per_Second

### 5.10.8 3005:08 Scaling index velocity native

Scaling of floating point velocity values.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)/ 0x3405 (Ch B)
Subindex	0x08
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_rpm (32768)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
33024 (0x8100)	Scale_m_per_Second
32768 (0x8000)	Scale_rpm

### 5.10.9 3005:09 Scaling index velocity proportional gain

Scaling of velocity proportional gain.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)/ 0x3405 (Ch B)
Subindex	0x09
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_Nm_per_rad_per_Second (36864)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
37120 (0x9100)	Scale_N_per_rad_per_Second
36864 (0x9000)	Scale_Nm_per_rad_per_Second

### 5.10.10 3005:0A Scaling index spring rate

Scaling of a spring rate.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)/ 0x3405 (Ch B)
Subindex	0x0A
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_Nm_per_rad (40960)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
41216 (0xA100)	Scale_N_per_m
40960 (0xA000)	Scale_Nm_per_rad

### 5.10.11 3005:0B Scaling index inertia

Scaling of (moment of) inertia.

Description	Value
Index	AxisMainSlot: 0x3005 (Ch A)/ 0x3405 (Ch B)
Subindex	0x0B
Datatype	ENUM (UINT32)
Min. Value	
Default	Scale_kg_m2 (45056)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
45312 (0xB100)	Scale_kg
45056 (0xB000)	Scale_kg_m2



## 5.11 3006:x AxisMain command

Execute Commands on AxisMain

Description	Value
Index	AxisMainSlot: 0x3006 (Ch A)/ 0x3406 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 5.12 3007:x AxisMain parameters position offset

This object contains parameters to manage the position offset configuration.

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)/ 0x3407 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.12.1 3007:01 Offset position actual value

This object provides the offset which will be added on the position actual value.

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)/ 0x3407 (Ch B)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.12.2 3007:02 Offset position actual value source

This object configures the memory source of the "Offset position actual value".

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)/ 0x3407 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT16)
Min. Value	
Default	offset_disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	drive_memory
1 (0x01)	encoder_memory
0 (0x00)	offset_disabled

### 5.12.3 3007:03 Offset additional position actual value

This object provides the offset which will be added on the additional position actual value.

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)/ 0x3407 (Ch B)
Subindex	0x03
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.12.4 3007:04 Offset additional position actual value source

This object configures the memory source of the "Offset additional position actual value".

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)/ 0x3407 (Ch B)
Subindex	0x04
Datatype	ENUM (UINT16)
Min. Value	
Default	offset_disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	drive_memory
1 (0x01)	encoder_memory
0 (0x00)	offset_disabled

### 5.12.5 3007:05 Offset position actual value active source

This object displays the active source of the "Offset position actual value".

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)/ 0x3407 (Ch B)
Subindex	0x05
Datatype	ENUM (UINT16)
Min. Value	
Default	OffsetDisabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	ManufacturerCalibration
2 (0x02)	DriveMemory
1 (0x01)	EncoderMemory
0 (0x00)	OffsetDisabled

### 5.12.6 3007:06 Offset additional position actual value active source

This object displays the active source of the "Offset additional position actual value".

Description	Value
Index	AxisMainSlot: 0x3007 (Ch A)/ 0x3407 (Ch B)
Subindex	0x06
Datatype	ENUM (UINT16)
Min. Value	
Default	OffsetDisabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	ManufacturerCalibration
2 (0x02)	DriveMemory
1 (0x01)	EncoderMemory
0 (0x00)	OffsetDisabled

## 5.13 3008:x AxisMain parameters encoder polarity

This object contains parameters to adjust the polarity of the connected encoders.

Description	Value
Index	AxisMainSlot: 0x3008 (Ch A)/ 0x3408 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.13.1 3008:01 Secondary encoder actual values

This object contains parameters to adjust the polarity of the connected encoders.

Description	Value
Index	AxisMainSlot: 0x3008 (Ch A)/ 0x3408 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	
Default	not_inverted (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	inverted
0 (0x00)	not_inverted

### 5.13.2 3008:02 Primary encoder actual values

This object contains parameters to adjust the polarity of the connected encoders.

Description	Value
Index	AxisMainSlot: 0x3008 (Ch A)/ 0x3408 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	not_inverted (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	inverted
0 (0x00)	not_inverted

## 5.14 3009:x AxisMain parameters hardware enable

This object configures a digital input as hardware enable.

Description	Value
Index	AxisMainSlot: 0x3009 (Ch A)/ 0x3409 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.14.1 3009:01 Configuration

This object configures the type of the hardware enable.

Description	Value
Index	AxisMainSlot: 0x3009 (Ch A)/ 0x3409 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	No_hardware_enable (0)
Default	No_hardware_enable (0)
Max. Value	High_acitve (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	High_acitve
0 (0x00)	No_hardware_enable

### 5.14.2 3009:02 Input number

This object configures the digital input number of the hardware enable.

Description	Value
Index	AxisMainSlot: 0x3009 (Ch A)/ 0x3409 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	Digital_input_1 (0)
Default	Digital_input_3 (2)
Max. Value	Digital_input_4 (3)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Digital_input_4
2 (0x02)	Digital_input_3
1 (0x01)	Digital_input_2
0 (0x00)	Digital_input_1

### 5.14.3 3009:03 Disable reaction

This object configures the reaction on a disable command through the hardware enable.

Description	Value
Index	AxisMainSlot: 0x3009 (Ch A)/ 0x3409 (Ch B)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	Disable_reaction_torque_off (0)
Default	Disable_reaction_closed_loop_ramp (1)
Max. Value	Disable_reaction_closed_loop_ramp (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Disable_reaction_closed_loop_ramp
0 (0x00)	Disable_reaction_torque_off



## 5.15 300A:x AxisMain demand values

This object contains manufacturer specific demand values from the module AxisMain.

Description	Value
Index	AxisMainSlot: 0x300A (Ch A)/ 0x340A (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.15.1 300A:01 Dynoutput cycle counter

Cycle counter to monitor the dynamic output process data.

Description	Value
Index	AxisMainSlot: 0x300A (Ch A)/ 0x340A (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Dynamic Receive
Revision	All

## 5.16 300C:x Advanced tuning command

This command object can be used to determine suitable parameters for the position and velocity controller depending on the mechanics.

Description	Value
Index	AxisMainSlot: 0x300C (Ch A)/ 0x340C (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.16.1 300C:01 Command

This command object can be used to determine suitable parameters for the position and velocity controller depending on the mechanics.

Description	Value
Index	AxisMainSlot: 0x300C (Ch A)/ 0x340C (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.16.2 300C:02 Status

This command object can be used to determine suitable parameters for the position and velocity controller depending on the mechanics.

Description	Value
Index	AxisMainSlot: 0x300C (Ch A)/ 0x340C (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 5.16.3 300C:03 Response

This command object can be used to determine suitable parameters for the position and velocity controller depending on the mechanics.

Description	Value
Index	AxisMainSlot: 0x300C (Ch A)/ 0x340C (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 5.17 300D:x Advanced tuning command parameters

This object contains parameters for the Autotuning command.

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)/ 0x340D (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.17.1 300D:01 Command mode

This object configures command mode

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)/ 0x340D (Ch B)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	Base_tuning_position_and_velocity_loop (0)
Default	Base_tuning_position_and_velocity_loop (0)
Max. Value	Measurement_of_the_velocity_open_loop (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Measurement_of_the_velocity_open_loop
0 (0x00)	Base_tuning_position_and_velocity_loop

### 5.17.2 300D:02 Feed in point

This object configures the feed in point of the excitation.

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)/ 0x340D (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	Torque (0)
Default	Torque (0)
Max. Value	Torque_and_velocity (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Torque_and_velocity
0 (0x00)	Torque

### 5.17.3 300D:03 Excitation signal type

This object configures the excitation signal

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)/ 0x340D (Ch B)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	Prbs (0)
Default	Prbs (0)
Max. Value	Chirp (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Chirp
0 (0x00)	Prbs

### 5.17.4 300D:04 Additive excitation amplitude

This object configures the amplitude of the excitation signal

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)/ 0x340D (Ch B)
Subindex	0x04
Datatype	ENUM (UINT8)
Min. Value	Low (0)
Default	Default (1)
Max. Value	Very_High (3)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Very_High
2 (0x02)	High
1 (0x01)	Default
0 (0x00)	Low

### 5.17.5 300D:05 Permissible movement positive direction

This object configures the permissible movement of the axis in positive direction

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)/ 0x340D (Ch B)
Subindex	0x05
Datatype	INT64
Min. Value	0
Default	0
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.17.6 300D:06 Permissible movement negative direction

This object configures the permissible movement of the axis in negative direction

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)/ 0x340D (Ch B)
Subindex	0x06
Datatype	INT64
Min. Value	0
Default	0
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.17.7 300D:07 Base velocity amplitude

This object configures the base velocity amplitude

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)/ 0x340D (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ rpm}$ ) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.17.8 300D:08 Signal velocity amplitude

This object configures the signal velocity amplitude



Description	Value
Index	AxisMainSlot: 0x300D (Ch A)/ 0x340D (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.17.9 300D:09 Version

This object contains parameters for the Autotuning command.

Description	Value
Index	AxisMainSlot: 0x300D (Ch A)/ 0x340D (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	%
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 5.18 301E:x AxisMain error counter

This object contains internal diagnosis informations.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.1 301E:01 Motor overload shut down

This object is a counter, which increments each diagnosis message of type 'Motor overload shut down'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.2 301E:02 Motor overtemperature shut down

This object is a counter, which increments each diagnosis message of type 'Motor overtemperature shut down'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.3 301E:03 Drive overtemperature shut down

This object is a counter, which increments each diagnosis message of type 'Drive overtemperature shut down'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.4 301E:04 Control voltage error

This object is a counter, which increments each diagnosis message of type 'Control voltage error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.5 301E:05 Feedback error

This object is a counter, which increments each diagnosis message of type 'Feedback error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.6 301E:06 Commutation error

This object is a counter, which increments each diagnosis message of type 'Commutation error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.7 301E:07 Overcurrent error

This object is a counter, which increments each diagnosis message of type 'Overcurrent error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.8 301E:08 Overvoltage error

This object is a counter, which increments each diagnosis message of type 'Overvoltage error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.9 301E:09 Undervoltage error

This object is a counter, which increments each diagnosis message of type 'Undervoltage error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.10 301E:0A Power supply phase error

This object is a counter, which increments each diagnosis message of type 'Power supply phase error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.11 301E:0B Communication error

This object is a counter, which increments each diagnosis message of type 'Communication error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.12 301E:0C TorqueOff with emergency brake

This object is a counter, which increments each diagnosis message of type 'TorqueOff with emergency brake'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.13 301E:0D Motor connection error

This object is a counter, which increments each diagnosis message of type 'Motor connection error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.14 301E:0E Safety STO error

This object is a counter, which increments each diagnosis message of type 'Safety STO error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.15 301E:0F Overspeed error

This object is a counter, which increments each diagnosis message of type 'Overspeed error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.16 301E:10 Motor Brake connection error

This object is a counter, which increments each diagnosis message of type 'Motor Brake connection error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.18.17 301E:11 DC link connection overcurrent error

This object is a counter, which increments each diagnosis message of type 'DC link connection overcurrent error'.

Description	Value
Index	AxisMainSlot: 0x301E (Ch A)/ 0x341E (Ch B)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 5.19 301F:x AxisMain info

This object contains internal diagnosis informations.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)/ 0x341F (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.19.1 301F:01 Operating time power stage

This object contains the operating time of the power stage (power stage enabled time).

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)/ 0x341F (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	s
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.19.2 301F:02 Persistent data primary feedback valid values

This object contains a bitfield with flags for the stored values.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)/ 0x341F (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.19.3 301F:03 Persistent data primary feedback serial number

This object contains the encoder serial number for which the data was stored.



Description	Value
Index	AxisMainSlot: 0x301F (Ch A)/ 0x341F (Ch B)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.19.4 301F:04 Persistent data primary feedback offset

This object contains a position offset for the dedicated encoder.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)/ 0x341F (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.19.5 301F:05 Persistent data secondary feedback valid values

This object contains a bitfield with flags for the stored values.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)/ 0x341F (Ch B)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.19.6 301F:06 Persistent data secondary feedback serial number

This object contains the encoder serial number for which the data was stored.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)/ 0x341F (Ch B)
Subindex	0x06
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.19.7 301F:07 Persistent data secondary feedback offset

This object contains a position offset for the dedicated encoder.

Description	Value
Index	AxisMainSlot: 0x301F (Ch A)/ 0x341F (Ch B)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 5.20 603E:x TxPDO Data invalid

This object shall indicate if the encoder measured values are in invalid state.

Description	Value
Index	0x603E (Ch A)/ 0x683E (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.20.1 603E:01 Velocity sensor actual value invalid

This object shall indicate if the velocity encoder measured value is in invalid State.

Description	Value
Index	0x603E (Ch A)/ 0x683E (Ch B)
Subindex	0x01
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 5.20.2 603E:02 Position actual value invalid

This object shall indicate if the position encoder measured value is in invalid state.

Description	Value
Index	0x603E (Ch A)/ 0x683E (Ch B)
Subindex	0x02
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 5.20.3 603E:03 1st Additional position actual value invalid

This object shall indicate if the first position encoder measured value is in invalid state.

Description	Value
Index	0x603E (Ch A)/ 0x683E (Ch B)
Subindex	0x03
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

#### 5.20.4 603E:04 2nd Additional position actual value invalid

This object shall indicate if the second position encoder measured value is in invalid state.

Description	Value
Index	0x603E (Ch A)/ 0x683E (Ch B)
Subindex	0x04
Datatype	BOOL
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.21 603F Error code

This object shall provide the text id of the last DiagMessage of type error, which occurred in this axis.

Description	Value
Index	0x603F (Ch A)/ 0x683F (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.22 6040 Controlword

This object shall indicate the received command controlling the PDS FSA. - Bit 0: Switch on - Bit 1: Enable voltage - Bit 2: Quick stop - Bit 3: Enable operation - Bit 4: reserved - Bit 5-6: Output cycle counter (see also Object 0x60D9 and 0x60DA) - Bit 7: Fault reset - Bit 8: Halt - Bit 9-15: reserved

Description	Value
Index	0x6040 (Ch A)/ 0x6840 (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

## 5.23 6041 Statusword

This object shall provide the status of the PDS FSA. - Bit 0: Ready to switch on - Bit 1: Switched on - Bit 2: Operation enabled - Bit 3: Fault - Bit 4: Voltage enabled - Bit 5: Quick stop - Bit 6: Switch on disabled - Bit 7: Warning - Bit 8: reserved - Bit 9: Remote - Bit 10: Status toggle (see also Object 0x60D9 and 0x60DA) - Bit 11: Internal limit active - Bit 12: Drive follows the command value (cyclic modes of operation) - Bit 13: Input cycle counter (see also Object 0x60D9 and 0x60DA) - Bit 14: reserved - Bit 15: reserved

Description	Value
Index	0x6041 (Ch A)/ 0x6841 (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.24 605A Quick stop option code

This object shall indicate what action is performed when the quick stop function is executed.

Description	Value
Index	0x605A (Ch A)/ 0x685A (Ch B)
Subindex	0x00
Datatype	ENUM (INT16)
Min. Value	
Default	Slow_down_on_quick_stop_ramp_and_transit_into_switch_on_disabled (2)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
6 (0x0006)	Slow_down_on_quick_stop_ramp_and_stay_in_quick_stop_active
2 (0x0002)	Slow_down_on_quick_stop_ramp_and_transit_into_switch_on_disabled
-1 (0xFFFF)	Disable_quick_stop



## 5.25 605E Fault reaction option code

This object shall indicate which action is performed when fault is detected in the PDS.

Description	Value
Index	0x605E (Ch A)/ 0x685E (Ch B)
Subindex	0x00
Datatype	ENUM (INT16)
Min. Value	
Default	Closed_loop_ramp (2)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x0002)	Closed_loop_ramp
0 (0x0000)	Torque_Off
-1 (0xFFFF)	NC_Handling
-2 (0xFFFE)	ShortedCoils_or_DC

## 5.26 6060 Modes of operation

This object shall indicate the requested operation mode.

Description	Value
Index	0x6060 (Ch A)/ 0x6860 (Ch B)
Subindex	0x00
Datatype	ENUM (INT8)
Min. Value	
Default	No_mode_change (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

Enum Value	Description
15 (0x0F)	Cyclic_synchronous_position_mode_with_additional_feedback_CS PAF
11 (0x0B)	Cyclic_synchronous_torque_mode_with_commutation_angle_CST CA
10 (0x0A)	Cyclic_synchronous_torque_mode_CST
9 (0x09)	Cyclic_synchronous_velocity_mode_CSV
8 (0x08)	Cyclic_synchronous_position_mode_CSP
0 (0x00)	No_mode_change
-1 (0xFF)	Cyclic_synchronous_position_mode_with_additional_feedback_CS PAF_preliminary
-9 (0xF7)	Cyclic_synchronous_velocity_mode_remote_CSVr
-10 (0xF6)	Cyclic_synchronous_torque_mode_remote_CSTr

## 5.27 6061 Modes of operation display

This object shall provide the actual operation mode.

Description	Value
Index	0x6061 (Ch A)/ 0x6861 (Ch B)
Subindex	0x00
Datatype	ENUM (INT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
15 (0x0F)	Cyclic_synchronous_position_mode_with_additional_feedback_CS PAF
11 (0x0B)	Cyclic_synchronous_torque_mode_with_commutation_angle_CST CA
10 (0x0A)	Cyclic_synchronous_torque_mode_CST
9 (0x09)	Cyclic_synchronous_velocity_mode_CSV
8 (0x08)	Cyclic_synchronous_position_mode_CSP
0 (0x00)	No_mode_change
-1 (0xFF)	Cyclic_synchronous_position_mode_with_additional_feedback_CS PAF_preliminary
-9 (0xF7)	Cyclic_synchronous_velocity_mode_remote_CSVr
-10 (0xF6)	Cyclic_synchronous_torque_mode_remote_CSTr

## 5.28 6064 Position actual value

This object shall provide the actual value of the position measurement device.

Description	Value
Index	0x6064 (Ch A)/ 0x6864 (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.29 606C Velocity actual value

This object shall provide the actual velocity value derived either from the velocity sensor or the position sensor.

Description	Value
Index	0x606C (Ch A)/ 0x686C (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.30 607B:x Position range limit

This object shall indicate the configured maximal and minimal position range limits. It shall limit the numerical range of the input value.

Description	Value
Index	0x607B (Ch A)/ 0x687B (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.30.1 607B:01 Min position range limit

The minimum position range limit.

Description	Value
Index	0x607B (Ch A)/ 0x687B (Ch B)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	-2147483648 (0x80000000)
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.30.2 607B:02 Max position range limit

The maximum position range limit.

Description	Value
Index	0x607B (Ch A)/ 0x687B (Ch B)
Subindex	0x02
Datatype	INT32
Min. Value	
Default	2147483647 (0x7FFFFFFF)
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.31 608F:x Position encoder resolution

This object shall indicate the configured encoder increments and number of motor revolutions.

Description	Value
Index	0x608F (Ch A)/ 0x688F (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.31.1 608F:01 Encoder increments

Position encoder resolution numerator.

Description	Value
Index	0x608F (Ch A)/ 0x688F (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	262144 (0x00040000)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.31.2 608F:02 Motor revolutions

Position encoder resolution denominator.

Description	Value
Index	0x608F (Ch A)/ 0x688F (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.32 6091:x Gear ratio

This object shall indicate the configured number of motor shaft revolutions and number of driving shaft revolutions.

Description	Value
Index	0x6091 (Ch A)/ 0x6891 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.32.1 6091:01 Motor shaft revolutions

Gear ratio numerator.

Description	Value
Index	0x6091 (Ch A)/ 0x6891 (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.32.2 6091:02 Driving shaft revolutions

Gear ratio denominator.

Description	Value
Index	0x6091 (Ch A)/ 0x6891 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



### 5.33 6092:x Feed constant

This object shall indicate the configured feed constant, this is the measurement distance per one revolution of the driving shaft of the gearbox.

Description	Value
Index	0x6092 (Ch A)/ 0x6892 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 5.33.1 6092:01 Feed

Feed constant numerator.

Description	Value
Index	0x6092 (Ch A)/ 0x6892 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	eFeedConstant_2Pow20 (1048576)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00000000)	eFeedConstant_2Pow32
2147483648 (0x80000000)	eFeedConstant_2Pow31
1073741824 (0x40000000)	eFeedConstant_2Pow30
536870912 (0x20000000)	eFeedConstant_2Pow29
268435456 (0x10000000)	eFeedConstant_2Pow28
134217728 (0x08000000)	eFeedConstant_2Pow27
67108864 (0x04000000)	eFeedConstant_2Pow26
33554432 (0x02000000)	eFeedConstant_2Pow25
16777216 (0x01000000)	eFeedConstant_2Pow24
8388608 (0x00800000)	eFeedConstant_2Pow23
4194304 (0x00400000)	eFeedConstant_2Pow22
2097152 (0x00200000)	eFeedConstant_2Pow21
1048576 (0x00100000)	eFeedConstant_2Pow20
524288 (0x00080000)	eFeedConstant_2Pow19
262144 (0x00040000)	eFeedConstant_2Pow18
131072 (0x00020000)	eFeedConstant_2Pow17
65536 (0x00010000)	eFeedConstant_2Pow16
1000000 (0x000F4240)	eFeedConstant_10Pow6
100000 (0x000186A0)	eFeedConstant_10Pow5
10000 (0x00002710)	eFeedConstant_10Pow4
1000 (0x000003E8)	eFeedConstant_10Pow3
100 (0x00000064)	eFeedConstant_10Pow2
10 (0x0000000A)	eFeedConstant_10Pow1
1 (0x00000001)	eFeedConstant_10Pow0

### 5.33.2 6092:02 Shaft revolutions

Feed constant denominator.

Description	Value
Index	0x6092 (Ch A)/ 0x6892 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.34 6096:x Velocity factor

The velocity factor can be used to match the velocity units to the user defined velocity units.

Description	Value
Index	0x6096 (Ch A)/ 0x6896 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.34.1 6096:01 Numerator

Velocity factor numerator.

Description	Value
Index	0x6096 (Ch A)/ 0x6896 (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	600000 (0x000927C0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.34.2 6096:02 Divisor

Velocity factor denominator.

Description	Value
Index	0x6096 (Ch A)/ 0x6896 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	1048576 (0x00100000)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.35 6097:x Acceleration factor

The acceleration factor can be used to match the acceleration units to the user defined acceleration units.

Description	Value
Index	0x6097 (Ch A)/ 0x6897 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.35.1 6097:01 Numerator

Acceleration factor numerator.

Description	Value
Index	0x6097 (Ch A)/ 0x6897 (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	360 (0x00000168)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.35.2 6097:02 Divisor

Acceleration factor denominator.

Description	Value
Index	0x6097 (Ch A)/ 0x6897 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	600000 (0x000927C0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.36 60A2:x Jerk factor

The jerk factor can be used to match the jerk units to the user defined jerk units.

Description	Value
Index	0x60A2 (Ch A)/ 0x68A2 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.36.1 60A2:01 Numerator

Jerk factor numerator.

Description	Value
Index	0x60A2 (Ch A)/ 0x68A2 (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 5.36.2 60A2:02 Divisor

Jerk factor denominator.

Description	Value
Index	0x60A2 (Ch A)/ 0x68A2 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	100 (0x00000064)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.37 60B8 Touch probe control

This object shall indicate the configured function of the touch probe. We recommend to configure touch probe source via object 0x60D0.

Description	Value
Index	0x60B8 (Ch A)/ 0x68B8 (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	14392 (0x3838)
Max. Value	65535 (0xFFFF)
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

## 5.38 60B9 Touch probe status

This object shall provide the status of the touch probe.

Description	Value
Index	0x60B9 (Ch A)/ 0x68B9 (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.39 60BA Touch probe 1 positive edge

This object shall provide the position value of the touch probe 1 at positive edge.

Description	Value
Index	0x60BA (Ch A)/ 0x68BA (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



## 5.40 60BB Touch probe 1 negative edge

This object shall provide the position value of the touch probe 1 at negative edge.

Description	Value
Index	0x60BB (Ch A)/ 0x68BB (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.41 60BC Touch probe 2 positive edge

This object shall provide the position value of the touch probe 2 at positive edge.

Description	Value
Index	0x60BC (Ch A)/ 0x68BC (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.42 60BD Touch probe 2 negative edge

This object shall provide the position value of the touch probe 2 at negative edge.

Description	Value
Index	0x60BD (Ch A)/ 0x68BD (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.43 60D0:x Touch probe source

This object shall provide the source of the touch probe functions.

Description	Value
Index	0x60D0 (Ch A)/ 0x68D0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.43.1 60D0:01 Touch probe 1 source

This object shall provide the source of the touch probe functions.

Description	Value
Index	0x60D0 (Ch A)/ 0x68D0 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	Touch_Probe_1_Input (1)
Default	Touch_Probe_3_Input (3)
Max. Value	Software_zero_impulse_signal_of_position_encoder (6)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
6 (0x06)	Software_zero_impulse_signal_of_position_encoder
5 (0x05)	Hardware_zero_impulse_signal_of_position_encoder
4 (0x04)	Touch_Probe_4_Input
3 (0x03)	Touch_Probe_3_Input
2 (0x02)	Touch_Probe_2_Input
1 (0x01)	Touch_Probe_1_Input

### 5.43.2 60D0:02 Touch probe 2 source

This object shall provide the source of the touch probe functions.

Description	Value
Index	0x60D0 (Ch A)/ 0x68D0 (Ch B)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	Touch_Probe_1_Input (1)
Default	Touch_Probe_4_Input (4)
Max. Value	Software_zero_impulse_signal_of_position_encoder (6)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
6 (0x06)	Software_zero_impulse_signal_of_position_encoder
5 (0x05)	Hardware_zero_impulse_signal_of_position_encoder
4 (0x04)	Touch_Probe_4_Input
3 (0x03)	Touch_Probe_3_Input
2 (0x02)	Touch_Probe_2_Input
1 (0x01)	Touch_Probe_1_Input

## 5.44 60D1 Touch probe time stamp 1 positive edge

This object shall provide the time stamp value of the touch probe 1 at positive edge.

Description	Value
Index	0x60D1 (Ch A)/ 0x68D1 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.45 60D2 Touch probe time stamp 1 negative edge

This object shall provide the time stamp value of the touch probe 1 at negative edge.

Description	Value
Index	0x60D2 (Ch A)/ 0x68D2 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.46 60D3 Touch probe time stamp 2 positive edge

This object shall provide the time stamp value of the touch probe 2 at positive edge.

Description	Value
Index	0x60D3 (Ch A)/ 0x68D3 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



## 5.47 60D4 Touch probe time stamp 2 negative edge

This object shall provide the time stamp value of the touch probe 1 at negative edge.

Description	Value
Index	0x60D4 (Ch A)/ 0x68D4 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.48 60D5 Touch probe 1 positive edge counter

This object shall provide a continuous counter that is incremented with each positive edge at touch probe 1.

Description	Value
Index	0x60D5 (Ch A)/ 0x68D5 (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.49 60D6 Touch probe 1 negative edge counter

This object shall provide a continuous counter that is incremented with each negative edge at touch probe 1.

Description	Value
Index	0x60D6 (Ch A)/ 0x68D6 (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.50 60D7 Touch probe 2 positive edge counter

This object shall provide a continuous counter that is incremented with each positive edge at touch probe 2.

Description	Value
Index	0x60D7 (Ch A)/ 0x68D7 (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.51 60D8 Touch probe 2 negative edge counter

This object shall provide a continuous counter that is incremented with each negative edge at touch probe 2.

Description	Value
Index	0x60D8 (Ch A)/ 0x68D8 (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.52 60D9 Supported functions

This object shall provide information on the supported function in the device. (see ETG6010)

Description	Value
Index	0x60D9 (Ch A)/ 0x68D9 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	7 (0x00000007)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 5.53 60DA Function settings

This object shall enable/disable supported functions in the device. (see ETG6010)

Description	Value
Index	0x60DA (Ch A)/ 0x68DA (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.54 60E4:x Additional position actual value

This object provides the additional position actual values.

Description	Value
Index	0x60E4 (Ch A)/ 0x68E4 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.54.1 60E4:01 1st additional position actual value

This Subindex contains the Value for the first additional Encoder. (The first additional Encoder is the second encoder.)

Description	Value
Index	0x60E4 (Ch A)/ 0x68E4 (Ch B)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



## 5.55 60E5:x Additional velocity actual value

This object provides the additional velocity actual values.

Description	Value
Index	0x60E5 (Ch A)/ 0x68E5 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.55.1 60E5:01 1st additional velocity actual value

This Subindex contains the Value for the first additional Encoder. (The first additional Encoder is the second encoder.)

Description	Value
Index	0x60E5 (Ch A)/ 0x68E5 (Ch B)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 0.0001$ rpm) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.56 60E6:x Additional position encoder resolution encoder increments

This object provides the encoder increments for the additional position encoder resolution. This object shall be used with the corresponding sub-index of the object 60EBh (motor revolutions for the additional position encoder resolution).

Description	Value
Index	0x60E6 (Ch A)/ 0x68E6 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.56.1 60E6:01 1st additional position encoder resolution - encoder increments

This sub-index contains the value for the first additional encoder. (The first additional encoder is the second encoder.)

Description	Value
Index	0x60E6 (Ch A)/ 0x68E6 (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	262144 (0x00040000)
Max. Value	
Unit	inc
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.57 60E8:x Additional gear ratio motor revolutions

This object provides the motor shaft revolutions for the additional gear ratio calculation. This object shall be used with the corresponding sub-index of the object 60EDh (driving shaft revolutions for the additional gear ratio calculation).

Description	Value
Index	0x60E8 (Ch A)/ 0x68E8 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.57.1 60E8:01 1st additional gear ratio - motor revolutions

This sub-index contains the value for the first additional encoder. (The first additional encoder is the second encoder.)

Description	Value
Index	0x60E8 (Ch A)/ 0x68E8 (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.58 60E9:x Additional feed constant feed

This object provides the feed for the additional feed constant calculation. This object shall be used with the corresponding sub-index of the object 60EEh (driving shaft revolutions for the additional feed constant calculation).

Description	Value
Index	0x60E9 (Ch A)/ 0x68E9 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.58.1 60E9:01 1st additional feed constant - feed

This sub-index contains the value for the first additional encoder. (The first additional encoder is the second encoder.)

Description	Value
Index	0x60E9 (Ch A)/ 0x68E9 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	eFeedConstant_2Pow20 (1048576)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00000000)	eFeedConstant_2Pow32
2147483648 (0x80000000)	eFeedConstant_2Pow31
1073741824 (0x40000000)	eFeedConstant_2Pow30
536870912 (0x20000000)	eFeedConstant_2Pow29
268435456 (0x10000000)	eFeedConstant_2Pow28
134217728 (0x08000000)	eFeedConstant_2Pow27
67108864 (0x04000000)	eFeedConstant_2Pow26
33554432 (0x02000000)	eFeedConstant_2Pow25
16777216 (0x01000000)	eFeedConstant_2Pow24
8388608 (0x00800000)	eFeedConstant_2Pow23
4194304 (0x00400000)	eFeedConstant_2Pow22
2097152 (0x00200000)	eFeedConstant_2Pow21
1048576 (0x00100000)	eFeedConstant_2Pow20
524288 (0x00080000)	eFeedConstant_2Pow19
262144 (0x00040000)	eFeedConstant_2Pow18
131072 (0x00020000)	eFeedConstant_2Pow17
65536 (0x00010000)	eFeedConstant_2Pow16
1000000 (0x000F4240)	eFeedConstant_10Pow6
100000 (0x000186A0)	eFeedConstant_10Pow5
10000 (0x00002710)	eFeedConstant_10Pow4
1000 (0x000003E8)	eFeedConstant_10Pow3
100 (0x00000064)	eFeedConstant_10Pow2
10 (0x0000000A)	eFeedConstant_10Pow1
1 (0x00000001)	eFeedConstant_10Pow0

## 5.59 60EB:x Additional position encoder resolution motor revolutions

This object provides the motor revolutions for the additional position encoder resolution. This object shall be used with the corresponding sub-index of the object 60E6h (encoder increments for the additional position encoder resolution).

Description	Value
Index	0x60EB (Ch A)/ 0x68EB (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.59.1 60EB:01 1st additional position encoder resolution - motor revolutions

This sub-index contains the value for the first additional encoder. (The first additional encoder is the second encoder.)

Description	Value
Index	0x60EB (Ch A)/ 0x68EB (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.60 60ED:x Additional gear ratio shaft revolutions

This object provides the driving shaft revolutions for the additional gear ratio calculation. This object shall be used with the corresponding sub-index of the object 60E8h (motor shaft revolutions for the additional gear ratio calculation).

Description	Value
Index	0x60ED (Ch A)/ 0x68ED (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.60.1 60ED:01 1st additional gear ratio - driving shaft revolutions

This sub-index contains the value for the first additional encoder. (The first additional encoder is the second encoder.)

Description	Value
Index	0x60ED (Ch A)/ 0x68ED (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 5.61 60EE:x Additional feed constant driving shaft revolutions

This object provides the driving shaft revolutions for the additional feed constant calculation. This object shall be used with the corresponding sub-index of the object 60E9h (feed for the additional feed constant calculation).

Description	Value
Index	0x60EE (Ch A)/ 0x68EE (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.61.1 60EE:01 1st additional feed constant - driving shaft revolutions

This sub-index contains the value for the first additional encoder. (The first additional encoder is the second encoder.)

Description	Value
Index	0x60EE (Ch A)/ 0x68EE (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	1 (0x00000001)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



## 5.62 60FD Digital inputs

This object shall provide digital inputs. This object represents the physical input levels. - Bit 0: negative limit switch - Bit 1: positive limit switch - Bit 16: digital input 1 - Bit 17: digital input 2 - Bit 18: digital input 3 - Bit 19: digital input 4 - Bit 31: STO active

Description	Value
Index	0x60FD (Ch A)/ 0x68FD (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 5.63 6502 Supported drive modes

This object shall provide information on the supported drive modes.

Description	Value
Index	0x6502 (Ch A)/ 0x6D02 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	1920 (0x00000780)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 5.64 3008:x AxisMain parameters encoder direction

This object contains parameters to adjust the polarity of the connected encoders.

Description	Value
Index	AxisMainSlot: 0x3008 (Ch A)/ 0x3408 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.64.1 3008:01 Secondary encoder direction

This object contains parameters to adjust the polarity of the connected encoders.

Description	Value
Index	AxisMainSlot: 0x3008 (Ch A)/ 0x3408 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	
Default	not_inverted (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	inverted
0 (0x00)	not_inverted

### 5.64.2 3008:02 Primary encoder direction

This object contains parameters to adjust the polarity of the connected encoders.

Description	Value
Index	AxisMainSlot: 0x3008 (Ch A)/ 0x3408 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	not_inverted (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	inverted
0 (0x00)	not_inverted

## 5.65 300E:x AxisMain parameters fast stop

This object contains parameters to configure the fast stop.

Description	Value
Index	AxisMainSlot: 0x300E (Ch A)/ 0x340E (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 5.65.1 300E:01 Configuration

This object configures the type of the fast stop switch and if the fast stop can be triggered with an internal signal.

Description	Value
Index	AxisMainSlot: 0x300E (Ch A)/ 0x340E (Ch B)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	Not_configured (0)
Default	Not_configured (0)
Max. Value	Internal_signal_and_limit_switch_NO (130)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
130 (0x82)	Internal_signal_and_limit_switch_NO
129 (0x81)	Internal_signal_and_limit_switch_NC
128 (0x80)	Internal_signal
2 (0x02)	Limit_switch_normally_open
1 (0x01)	Limit_switch_normally_closed
0 (0x00)	Not_configured

### 5.65.2 300E:02 Input number

This object configures the digital input number of the fast stop switch.

Description	Value
Index	AxisMainSlot: 0x300E (Ch A)/ 0x340E (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	Digital_input_1 (0)
Default	Digital_input_3 (2)
Max. Value	Digital_input_4 (3)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Digital_input_4
2 (0x02)	Digital_input_3
1 (0x01)	Digital_input_2
0 (0x00)	Digital_input_1

### 5.65.3 300E:03 Reaction

This object configures the drive reaction, if it detects the fast stop switch.

Description	Value
Index	AxisMainSlot: 0x300E (Ch A)/ 0x340E (Ch B)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	EStop_with_error (0)
Default	EStop_with_error (0)
Max. Value	Axis_halt_with_warning (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Axis_halt_with_warning
0 (0x00)	EStop_with_error

### 5.65.4 300E:04 Position latch

This object configures the source of the latched position in case of a fast stop trigger.

Description	Value
Index	AxisMainSlot: 0x300E (Ch A)/ 0x340E (Ch B)
Subindex	0x04
Datatype	ENUM (UINT8)
Min. Value	PositionActualValue (0)
Default	PositionActualValue (0)
Max. Value	(2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	AdditionalPositionActualValue1
0 (0x00)	PositionActualValue

### 5.65.5 300E:05 Following error scale factor

This object configures the following error scaling in case of an active fast stop. A factor of 0.0 is taken as 1.0.

Description	Value
Index	AxisMainSlot: 0x300E (Ch A)/ 0x340E (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	100.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 6 Objects of module Interpolator

### 6.1 1600:x Interpolator Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 6.2 16E0:x Interpolator Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



## 6.3 1A00:x Interpolator Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 6.4 1AE0:x Interpolator Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 6.5 3061:x Interpolator actual values

This object contains manufacturer specific actual values from the module Interpolator.

Description	Value
Index	InterpolatorSlot: 0x3061 (Ch A)/ 0x3461 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 6.5.1 3061:01 Interpolated position demand value

This object contains the position demand value of the interpolator.

Description	Value
Index	InterpolatorSlot: 0x3061 (Ch A)/ 0x3461 (Ch B)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 6.5.2 3061:02 Interpolated velocity demand value

This object contains the velocity demand value of the interpolator.

Description	Value
Index	InterpolatorSlot: 0x3061 (Ch A)/ 0x3461 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ rpm}$ ) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 6.5.3 3061:03 Interpolated acceleration demand value

This object indicates the torque/force controller demand value from the interpolator.

Description	Value
Index	InterpolatorSlot: 0x3061 (Ch A)/ 0x3461 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ }^\circ/\text{s}^2$ ) 0x3005/03 (Ch A)/ 0x3405/03 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 6.5.4 3061:04 Target velocity remote loopback

This object displays the value of the object 'Target velocity remote' and can be used to analyze the communication delays.

Description	Value
Index	InterpolatorSlot: 0x3061 (Ch A)/ 0x3461 (Ch B)
Subindex	0x04
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 0.0001 \text{ rpm}$ ) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 6.5.5 3061:05 Demandvalue extrapolation cycle counter

This object counts the number of cycles with an extrapolated position demand value.

Description	Value
Index	InterpolatorSlot: 0x3061 (Ch A)/ 0x3461 (Ch B)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 6.6 3062:x Interpolator parameters feed forward

This object contains parameters to configure the feed forward control

Description	Value
Index	InterpolatorSlot: 0x3062 (Ch A)/ 0x3462 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 6.6.1 3062:01 Velocity feed forward gain

This object contains the gain of the velocity feed forward signal.

Description	Value
Index	InterpolatorSlot: 0x3062 (Ch A)/ 0x3462 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	1.2
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 6.6.2 3062:02 Velocity feed forward filter time constant

This object contains the filter time constant of the velocity feed forward signal.

Description	Value
Index	InterpolatorSlot: 0x3062 (Ch A)/ 0x3462 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	0.01
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 6.6.3 3062:03 Acceleration feed forward gain

This object contains the gain of the acceleration feed forward signal.

Description	Value
Index	InterpolatorSlot: 0x3062 (Ch A)/ 0x3462 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	2.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 6.6.4 3062:04 Acceleration feed forward filter time constant

This object contains the filter time constant of the acceleration feed forward signal.

Description	Value
Index	InterpolatorSlot: 0x3062 (Ch A)/ 0x3462 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	0.01
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 6.6.5 3062:05 Acceleration feed forward path

This object determines where the feed forward acceleration signal intervenes into the control loop.

Description	Value
Index	InterpolatorSlot: 0x3062 (Ch A)/ 0x3462 (Ch B)
Subindex	0x05
Datatype	ENUM (UINT16)
Min. Value	AddAfterTorqueCommandFilters (0)
Default	AddAfterTorqueCommandFilters (0)
Max. Value	AddBeforeTorqueCommandFilters (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	AddBeforeTorqueCommandFilters
0 (0x00)	AddAfterTorqueCommandFilters

### 6.7 3063:x Interpolator demand values

This object contains manufacturer specific demand values from the module Interpolator.

Description	Value
Index	InterpolatorSlot: 0x3063 (Ch A)/ 0x3463 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 6.7.1 3063:01 Target velocity remote

This object shall indicate the configured target velocity and shall be used as input for the trajectory generator. The value shall be given in user-defined velocity units.

Description	Value
Index	InterpolatorSlot: 0x3063 (Ch A)/ 0x3463 (Ch B)
Subindex	0x01
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 0.0001$ rpm) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Dynamic Receive
Revision	All



## 6.8 607A Target position

This object shall indicate the commanded position that the drive should move to in position profile mode using the current settings of motion control parameters such as velocity, acceleration, deceleration, motion profile type etc.

Description	Value
Index	0x607A (Ch A)/ 0x687A (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

## 6.9 60B0 Position offset

This object shall provide the offset of the target position. The offset shall be given in userdefined position units.

Description	Value
Index	0x60B0 (Ch A)/ 0x68B0 (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

## 6.10 60B1 Velocity offset

This object shall provide the offset for the velocity value. The offset shall be given in userdefined velocity units.

Description	Value
Index	0x60B1 (Ch A)/ 0x68B1 (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

## 6.11 60C0 Interpolation sub mode select

This object shall indicate the actually chosen interpolation mode for the cyclic synchronous position mode (CSP).

Description	Value
Index	0x60C0 (Ch A)/ 0x68C0 (Ch B)
Subindex	0x00
Datatype	ENUM (INT16)
Min. Value	
Default	Linear (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x0000)	Linear
-2 (0xFFFE)	Cubic

## 6.12 60FF Target velocity

This object shall indicate the configured target velocity and shall be used as input for the trajectory generator. The value shall be given in user-defined velocity units.

Description	Value
Index	0x60FF (Ch A)/ 0x68FF (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 0.0001$ rpm) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

## 7 Objects of module PositionControl

### 7.1 1600:x PositionControl Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 7.2 16E0:x PositionControl Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 7.3 1A00:x PositionControl Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All



## 7.4 1AE0:x PositionControl Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 7.5 30C0:x PosCtrl parameters mappable

This record contains all mappable parameters of this module.

Description	Value
Index	PositionControlSlot: 0x30C0 (Ch A)/ 0x34C0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 7.5.1 30C0:01 Position control proportional gain

This object contains the proportional gain of the position controller.

Description	Value
Index	PositionControlSlot: 0x30C0 (Ch A)/ 0x34C0 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	
Unit	1/s
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

## 7.6 30C3:x PosCtrl parameters

This object contains not mappable parameters of the position control module.

Description	Value
Index	PositionControlSlot: 0x30C3 (Ch A)/ 0x34C3 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 7.6.1 30C3:01 Velocity demand value filter time constant

This object contains the filter time constant of the velocity feed forward signal.

Description	Value
Index	PositionControlSlot: 0x30C3 (Ch A)/ 0x34C3 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	0.01
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 7.6.2 30C3:02 Cycle Time

This object indicates the velocity controller cycle time.

Description	Value
Index	PositionControlSlot: 0x30C3 (Ch A)/ 0x34C3 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	62500 (0x0000F424)
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 7.6.3 30C3:03 Bipolar position controller output limit value

The bipolar position controller output limit value describes the maximum allowable position controller output (actuating velocity) in both directions.

Description	Value
Index	PositionControlSlot: 0x30C3 (Ch A)/ 0x34C3 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = $x * 0.0001$ rpm) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 7.7 6065 Following error window

This object shall indicate the configured range of tolerated position values symmetrically to the position demand value. If the position actual value is out of the following error window, a following error occurs. A following error may occur when a drive is blocked, unreachable profile velocity occurs, or at wrong closed-loop coefficients. The value shall be given in userdefined position units. If the value of the following error window is FFFF FFFFh or 0000 0000h, the following control shall be switched off.

Description	Value
Index	0x6065 (Ch A)/ 0x6865 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	1048576 (0x00100000)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 7.8 6066 Following error time out

This object shall indicate the configured time for a following error condition.

Description	Value
Index	0x6066 (Ch A)/ 0x6866 (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 7.9 60F4 Following error actual value

This object shall provide the actual value of the following error. The value shall be given in user-defined position units.

Description	Value
Index	0x60F4 (Ch A)/ 0x68F4 (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * (360/1048576)^\circ$ ) 0x3005/01 (Ch A)/ 0x3405/01 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 8 Objects of module VelocityControl

### 8.1 1600:x VelocityControl Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 8.2 16E0:x VelocityControl Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



### 8.3 1A00:x VelocityControl Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 8.4 1AE0:x VelocityControl Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 8.5 3140:x VeloCtrl parameters mappable

This record contains all mappable parameters of this module.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 8.5.1 3140:01 Velocity control proportional gain

This object contains the proportional gain of the velocity controller.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.01
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm/rad/s}$ ) 0x3005/09 (Ch A)/ 0x3405/09 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 8.5.2 3140:02 Velocity control integral action time

This object contains the integral action time of the velocity controller.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.01
Max. Value	5.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 8.5.3 3140:03 Bipolar velocity limit value

In this object you can configure the maximum velocity of this axis.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ rpm}$ ) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 8.5.4 3140:04 Reserved

This object is reserved for further development

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 8.5.5 3140:05 Weight counterbalance

In object you can configure the stationary torque/force of a vertical axis.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm}$ ) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 8.5.6 3140:06 Reserved 2

This object is reserved for further development

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 8.5.7 3140:07 Load inertia/mass

This object is to configure the inertia of the application or load

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ kg m}^2$ ) 0x3005/0B (Ch A)/ 0x3405/0B (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 8.5.8 3140:08 Collision torque limit

In this object you can configure the error threshold of the 'Collision torque monitoring'

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm}$ ) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

## 8.6 3141:x VeloCtrl actual values

This object contains manufacturer specific actual values from the module VelocityControl.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 8.6.1 3141:01 PosCtrl velocity demand value

This object contains the velocity demand value of the position controller.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 8.6.2 3141:02 Limited velocity demand value

This object contains the velocity demand value inside the actual velocity limit range.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 8.6.3 3141:03 Velocity actual value velocity observer

This object contains the velocity actual value of the configured velocity observer.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 8.6.4 3141:04 Velocity error

This object contains the velocity error of the velocity controller.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 8.6.5 3141:05 Velocity resulting from differentiation

This object contains the velocity actual value resulting from the position differentiation.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x05
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 0.0001$ rpm) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 8.6.6 3141:06 Total inertia/force

This object contains the total inertia. Its summarized inertia application and j/m of motor, brake and encoder.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	kg m <sup>2</sup>
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 8.6.7 3141:07 VeloCtrl statusword

This object contains the velocity control statusword. - Bit 5, VeloLimitActive: The velocity demand value is limited internally. - Bit 12, StandStill: Axis movement is inside the standstill window (Parameters Velocity threshold and Velocity threshold time) - Bit 14, TorqueLimitActive: The velocity controller output (torque demand) is limited internally.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 8.6.8 3141:08 Friction feed forward

This object contains the total friction compensation result.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



## 8.6.9 3141:09 Collision torque monitoring

This object contains the difference between the effective torque/force and the feed forward torque/force and can be used to detect a collision.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 8.6.10 3141:0A Actual gain scheduling factor

This object contains the actual gain scheduling factor value.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 8.7 3142:x VeloCtrl parameters

This object contains not mappable parameters of the velocity control module.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 8.7.1 3142:01 Velocity error tolerance

This parameter is to relax/raise the level of the overspeed error. The default level is value of the object "Max motor speed". The value of this parameter will be added to the default level. The value shall be given per thousand of the object "Max motor speed".

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	5000 (0x00001388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.7.2 3142:02 Quick stop jerk

This object shall indicate the configured jerk used to stop the motor with fault reaction slow down ramp. If the value is zero, the jerk is infinite.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	615208748 (0x24AB572C)
Unit	depends on value of Object (default = $x * 100 \text{ }^\circ/\text{s}^3$ ) 0x3005/04 (Ch A)/ 0x3405/04 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.7.3 3142:03 Cycle Time

This object indicates the velocity controller cycle time.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	62500 (0x0000F424)
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 8.7.4 3142:04 Velocity threshold

This object shall indicate the configured velocity threshold. The value shall be given in user defined velocity units.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	0
Default	50000 (0x0000C350)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = $x * 0.0001 \text{ rpm}$ ) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.7.5 3142:05 Velocity threshold time

This object shall indicate the configured velocity threshold time.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.7.6 3142:06 Use gantry brake instead of closed loop ramp

This object indicates if the gantry brake is used instead of closed loop ramp.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x06
Datatype	ENUM (UINT8)
Min. Value	
Default	feature_disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

### 8.7.7 3142:07 Gantry brake torque limit

This object indicates the configured maximum torque/force during gantry brake. The value shall be given per thousand of standstill torque/force (0x6076)

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	0
Default	1000 (0x03E8)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.7.8 3142:08 Collision monitoring time

This object configures the initial wait time for the rotor slowdown procedure.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.7.9 3142:09 Collision monitoring reaction

This object configures the axis reaction if a collision is detected.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x09
Datatype	ENUM (UINT8)
Min. Value	EStop_with_Error (0)
Default	EStop_with_Error (0)
Max. Value	Internal_signaling_only (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Internal_signaling_only
0 (0x00)	EStop_with_Error

## 8.8 3143:x VeloCtrl observer

This object contains parameters to configure the velocity observer.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)/ 0x3543 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 8.8.1 3143:01 Damping

This object configures the damping coefficient of the observer.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)/ 0x3543 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.2
Default	0.707
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.8.2 3143:02 Bandwidth

This object configures the bandwidth of the observer.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)/ 0x3543 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	25.0
Default	500.0
Max. Value	2000.0
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.8.3 3143:03 Correction factor torque to acceleration

This object configures the torque/force actual to acceleration factor. It is to feed forward the observer with the actual torque/force to estimate the acceleration.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)/ 0x3543 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	8.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.8.4 3143:04 Observer type

This object indicates the observer type. Choose Off for differential calculation of Velocity actual value, choose Basic to enable third order observing.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)/ 0x3543 (Ch B)
Subindex	0x04
Datatype	ENUM (INT16)
Min. Value	
Default	Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
6 (0x06)	Enhanced_for_known_and_unknown_inertia
5 (0x05)	Advanced_for_unknown_inertia
4 (0x04)	Basic_for_unknown_inertia
3 (0x03)	Advanced_for_known_inertia
2 (0x02)	Not_recommended_for_new_setups
1 (0x01)	Basic_for_known_inertia
0 (0x00)	Off

## 8.9 3144:x VeloCtrl parameters friction

This object contains not mappable parameters of the velocity control module.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)/ 0x3544 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 8.9.1 3144:01 Static friction spring rate

This object configures the Static friction spring rate.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)/ 0x3544 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm/rad}$ ) 0x3005/0A (Ch A)/ 0x3405/0A (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.9.2 3144:02 Static friction torque/force

This object configures the Static friction force.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)/ 0x3544 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm}$ ) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



### 8.9.3 3144:03 Dynamic friction factor

This object configures the dynamic friction force in relation with the feed forward velocity.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)/ 0x3544 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm/rad/s}$ ) 0x3005/09 (Ch A)/ 0x3405/09 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 8.10 6085 Quick stop deceleration

This object shall indicate the configured deceleration used to stop the motor with fault reaction slow down ramp.

Description	Value
Index	0x6085 (Ch A)/ 0x6885 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	30 (0x0000001E)
Default	360000 (0x00057E40)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = $x * 1 \text{ }^\circ/\text{s}^2$ ) 0x3005/03 (Ch A)/ 0x3405/03 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 8.11 60C5 Max acceleration

This object shall indicate the configured maximum acceleration.

Description	Value
Index	0x60C5 (Ch A)/ 0x68C5 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	4294967295 (0xFFFFFFFF)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = $x * 1 \text{ }^\circ/\text{s}^2$ ) 0x3005/03 (Ch A)/ 0x3405/03 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 8.12 60C6 Max deceleration

This object shall indicate the configured maximum deceleration.

Description	Value
Index	0x60C6 (Ch A)/ 0x68C6 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	4294967295 (0xFFFFFFFF)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = $x * 1 \text{ }^\circ/\text{s}^2$ ) 0x3005/03 (Ch A)/ 0x3405/03 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 8.13 3146:x VeloCtrl gain scheduling

This object contains parameters to adapt the velocity controller gain to the actual velocity.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	12 (0x0C)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 8.13.1 3146:01 Gain scheduling configuration

This object enables the configured gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT16)
Min. Value	GainSchedulingDisabled (0)
Default	GainSchedulingDisabled (0)
Max. Value	GainSchedulingEnabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	GainSchedulingEnabled
0 (0x00)	GainSchedulingDisabled

### 8.13.2 3146:02 Velocity 1

Velocity sampling point 1 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.13.3 3146:03 Velocity 2

Velocity sampling point 2 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.13.4 3146:04 Velocity 3

Velocity sampling point 3 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.13.5 3146:05 Velocity 4

Velocity sampling point 4 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.13.6 3146:06 Velocity 5

Velocity sampling point 5 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.13.7 3146:07 Gain factor 1

Gain factor sampling point 1 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.13.8 3146:08 Gain factor 2

Gain factor sampling point 2 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.13.9 3146:09 Gain factor 3

Gain factor sampling point 3 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.13.10 3146:0A Gain factor 4

Gain factor sampling point 4 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.13.11 3146:0B Gain factor 5

Gain factor sampling point 5 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 8.13.12 3146:0C Gain scheduling data is valid

This object displays if the configured gain scheduling data is valid.



Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x0C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

## 9 Objects of module VelocityControl2

### 9.1 1600:x VelocityControl2 Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 9.2 16E0:x VelocityControl2 Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.3 1A00:x VelocityControl2 Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 9.4 1AE0:x VelocityControl2 Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 9.5 3140:x VeloCtrl parameters mappable

This record contains all mappable parameters of this module.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 9.5.1 3140:01 Velocity control proportional gain

This object contains the proportional gain of the velocity controller.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.01
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm/rad/s}$ ) 0x3005/09 (Ch A)/ 0x3405/09 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 9.5.2 3140:02 Velocity control integral action time

This object contains the integral action time of the velocity controller.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.01
Max. Value	5.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 9.5.3 3140:03 Bipolar velocity limit value

In this object you can configure the maximum velocity of this axis.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 9.5.4 3140:04 Reserved

This object is reserved for further development

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 9.5.5 3140:05 Weight counterbalance

In object you can configure the stationary torque/force of a vertical axis.

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 9.5.6 3140:06 Reserved 2

This object is reserved for further development

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

## 9.5.7 3140:07 Load inertia/mass

This object is to configure the inertia of the application or load

Description	Value
Index	VelocityControlSlot: 0x3140 (Ch A)/ 0x3540 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	kg m <sup>2</sup>
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All



## 9.6 3141:x VeloCtrl actual values

This object contains manufacturer specific actual values from the module VelocityControl.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 9.6.1 3141:01 PosCtrl velocity demand value

This object contains the velocity demand value of the position controller.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 9.6.2 3141:02 Limited velocity demand value

This object contains the velocity demand value inside the actual velocity limit range.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 9.6.3 3141:03 Velocity actual value velocity observer

This object contains the velocity actual value of the configured velocity observer.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 9.6.4 3141:04 Velocity error

This object contains the velocity error of the velocity controller.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 9.6.5 3141:05 Velocity resulting from differentiation

This object contains the velocity actual value resulting from the position differentiation.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x05
Datatype	INT32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 0.0001$ rpm) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 9.6.6 3141:06 Total inertia/force

This object contains the total inertia. Its summarized inertia application and j/m of motor, brake and encoder.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	kg m <sup>2</sup>
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 9.6.7 3141:07 VeloCtrl statusword

This object contains the velocity control statusword. - Bit 5, VeloLimitActive: The velocity demand value is limited internally. - Bit 12, StandStill: Axis movement is inside the standstill window (Parameters Velocity threshold and Velocity threshold time) - Bit 14, TorqueLimitActive: The velocity controller output (torque demand) is limited internally.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 9.6.8 3141:08 Friction feed forward

This object contains the total friction compensation result.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 9.6.9 3141:09 Collision torque monitoring

This object contains the difference between the effective torque/force and the feed forward torque/force and can be used to detect a collision.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm}$ ) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 9.6.10 3141:0A Actual gain scheduling factor

This object contains the actual gain scheduling factor value.

Description	Value
Index	VelocityControlSlot: 0x3141 (Ch A)/ 0x3541 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 9.7 3142:x VeloCtrl parameters

This object contains not mappable parameters of the velocity control module.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 9.7.1 3142:01 Velocity error tolerance

This parameter is to relax/raise the level of the overspeed error. The default level is value of the object "Max motor speed". The value of this parameter will be added to the default level. The value shall be given per thousand of the object "Max motor speed".

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	5000 (0x00001388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.7.2 3142:02 Quick stop jerk

This object shall indicate the configured jerk used to stop the motor with fault reaction slow down ramp. If the value is zero, the jerk is infinite.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	615208748 (0x24AB572C)
Unit	depends on value of Object (default = $x * 100 \text{ }^\circ/\text{s}^3$ ) 0x3005/04 (Ch A)/ 0x3405/04 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.7.3 3142:03 Cycle Time

This object indicates the velocity controller cycle time.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	62500 (0x0000F424)
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 9.7.4 3142:04 Velocity threshold

This object shall indicate the configured velocity threshold. The value shall be given in user defined velocity units.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	0
Default	50000 (0x0000C350)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = $x * 0.0001$ rpm) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.7.5 3142:05 Velocity threshold time

This object shall indicate the configured velocity threshold time.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.7.6 3142:06 Use gantry brake instead of closed loop ramp

This object indicates if the gantry brake is used instead of closed loop ramp.

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x06
Datatype	ENUM (UINT8)
Min. Value	
Default	feature_disabled (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

### 9.7.7 3142:07 Gantry brake torque limit

This object indicates the configured maximum torque/force during gantry brake. The value shall be given per thousand of standstill torque/force (0x6076)

Description	Value
Index	VelocityControlSlot: 0x3142 (Ch A)/ 0x3542 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	0
Default	1000 (0x03E8)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 9.8 3143:x VeloCtrl observer

This object contains parameters to configure the velocity observer.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)/ 0x3543 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 9.8.1 3143:01 Damping

This object configures the damping coefficient of the observer.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)/ 0x3543 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.2
Default	0.707
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.8.2 3143:02 Bandwidth

This object configures the bandwidth of the observer.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)/ 0x3543 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	25.0
Default	500.0
Max. Value	2000.0
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.8.3 3143:03 Correction factor torque to acceleration

This object configures the torque/force actual to acceleration factor. It is to feed forward the observer with the actual torque/force to estimate the acceleration.



Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)/ 0x3543 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	8.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.8.4 3143:04 Observer type

This object indicates the observer type. Choose Off for differential calculation of Velocity actual value, choose Basic to enable third order observing.

Description	Value
Index	VelocityControlSlot: 0x3143 (Ch A)/ 0x3543 (Ch B)
Subindex	0x04
Datatype	ENUM (INT16)
Min. Value	
Default	Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
6 (0x06)	Enhanced_for_known_and_unknown_inertia
5 (0x05)	Advanced_for_unknown_inertia
4 (0x04)	Basic_for_unknown_inertia
3 (0x03)	Advanced_for_known_inertia
2 (0x02)	Not_recommended_for_new_setups
1 (0x01)	Basic_for_known_inertia
0 (0x00)	Off

## 9.9 3144:x VeloCtrl parameters friction

This object contains not mappable parameters of the velocity control module.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)/ 0x3544 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 9.9.1 3144:01 Static friction spring rate

This object configures the Static friction spring rate.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)/ 0x3544 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm/rad}$ ) 0x3005/0A (Ch A)/ 0x3405/0A (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.9.2 3144:02 Static friction torque/force

This object configures the Static friction force.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)/ 0x3544 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm}$ ) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.9.3 3144:03 Dynamic friction factor

This object configures the dynamic friction force in relation with the feed forward velocity.

Description	Value
Index	VelocityControlSlot: 0x3144 (Ch A)/ 0x3544 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm/rad/s}$ ) 0x3005/09 (Ch A)/ 0x3405/09 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 9.10 3145:x VeloCtrl parameters 2

This object contains not mappable parameters of the velocity control module.

Description	Value
Index	VelocityControlSlot: 0x3145 (Ch A)/ 0x3545 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 9.10.1 3145:01 VeloCtrl positive torque/force limit value

This object indicates the configured maximum positive torque/force in the motor. The value shall be given per thousand of standstill torque/force (0x6076). Positive torque/force takes effect in the case of motive operation is positive velocity or regenerative operation is negative velocity.

Description	Value
Index	VelocityControlSlot: 0x3145 (Ch A)/ 0x3545 (Ch B)
Subindex	0x01
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.10.2 3145:02 VeloCtrl negative torque/force limit value

This object indicates the configured maximum negative torque/force in the motor. The value shall be given per thousand of standstill torque/force (0x6076). Negative torque/force takes effect in the case of motive operation is negative velocity or regenerative operation is positive velocity.

Description	Value
Index	VelocityControlSlot: 0x3145 (Ch A)/ 0x3545 (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 9.11 6085 Quick stop deceleration

This object shall indicate the configured deceleration used to stop the motor with fault reaction slow down ramp.

Description	Value
Index	0x6085 (Ch A)/ 0x6885 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	30 (0x0000001E)
Default	360000 (0x00057E40)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = $x * 1 \text{ } ^\circ/\text{s}^2$ ) 0x3005/03 (Ch A)/ 0x3405/03 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 9.12 60C5 Max acceleration

This object shall indicate the configured maximum acceleration.

Description	Value
Index	0x60C5 (Ch A)/ 0x68C5 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	4294967295 (0xFFFFFFFF)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = $x * 1 \text{ } ^\circ/\text{s}^2$ ) 0x3005/03 (Ch A)/ 0x3405/03 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 9.13 60C6 Max deceleration

This object shall indicate the configured maximum deceleration.

Description	Value
Index	0x60C6 (Ch A)/ 0x68C6 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	4294967295 (0xFFFFFFFF)
Max. Value	4294967295 (0xFFFFFFFF)
Unit	depends on value of Object (default = $x * 1 \text{ } ^\circ/\text{s}^2$ ) 0x3005/03 (Ch A)/ 0x3405/03 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 9.14 60C8 Low velocity limit value

This object shall provide the low velocity limit value in extended torque mode.

Description	Value
Index	0x60C8 (Ch A)/ 0x68C8 (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All



## 9.15 60C9 High velocity limit value

This object shall provide the high velocity limit value in extended torque mode.

Description	Value
Index	0x60C9 (Ch A)/ 0x68C9 (Ch B)
Subindex	0x00
Datatype	INT32
Min. Value	
Default	0
Max. Value	
Unit	depends on value of Object (default = x * 0.0001 rpm) 0x3005/02 (Ch A)/ 0x3405/02 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

## 9.16 60CA Torque limitation option code

This object shall indicate the torque limitation modes of the extended torque mode.

Description	Value
Index	0x60CA (Ch A)/ 0x68CA (Ch B)
Subindex	0x00
Datatype	ENUM (INT8)
Min. Value	
Default	VeloLimitHasNoEffect (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TorqueMightBeReducedToMaxTorquePosNeg
3 (0x03)	TorqueMightBeReducedToRampPosMaxTorqueNeg
2 (0x02)	TorqueMightBeReducedToRampPosNeg
1 (0x01)	TorqueMightBeReducedToZero
0 (0x00)	VeloLimitHasNoEffect

## 9.17 60CC Torque limitation mode status

This object shall indicate the torque limitation mode status.

Description	Value
Index	0x60CC (Ch A)/ 0x68CC (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 9.18 3146:x VeloCtrl gain scheduling

This object contains parameters to adapt the velocity controller gain to the actual velocity.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	12 (0x0C)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 9.18.1 3146:01 Gain scheduling configuration

This object enables the configured gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT16)
Min. Value	GainSchedulingDisabled (0)
Default	GainSchedulingDisabled (0)
Max. Value	GainSchedulingEnabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	GainSchedulingEnabled
0 (0x00)	GainSchedulingDisabled

### 9.18.2 3146:02 Velocity 1

Velocity sampling point 1 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.18.3 3146:03 Velocity 2

Velocity sampling point 2 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.18.4 3146:04 Velocity 3

Velocity sampling point 3 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.18.5 3146:05 Velocity 4

Velocity sampling point 4 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.18.6 3146:06 Velocity 5

Velocity sampling point 5 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	depends on value of Object (default = $x * 1$ rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.18.7 3146:07 Gain factor 1

Gain factor sampling point 1 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.18.8 3146:08 Gain factor 2

Gain factor sampling point 2 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.18.9 3146:09 Gain factor 3

Gain factor sampling point 3 of the gain scheduling characteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.18.10 3146:0A Gain factor 4

Gain factor sampling point 4 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.18.11 3146:0B Gain factor 5

Gain factor sampling point 5 of the gain scheduling chatacteristic.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	10000.0
Max. Value	50000.0
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 9.18.12 3146:0C Gain scheduling data is valid

This object displays if the configured gain scheduling data is valid.

Description	Value
Index	VelocityControlSlot: 0x3146 (Ch A)/ 0x3546 (Ch B)
Subindex	0x0C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False



## 10 Objects of module BiquadFilter

### 10.1 1A00:x [SL] BiquadFilter Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 10.2 1AE0:x [SL] BiquadFilter Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 10.3 3163:x [SL] BiquadFilter parameters

This object contains parameters to configure a filter

Description	Value
Index	BiquadFilter1: 0x3163 (Ch A)/ 0x3563 (Ch B) BiquadFilter2: 0x3183 (Ch A)/ 0x3583 (Ch B) BiquadFilter3: 0x31A3 (Ch A)/ 0x35A3 (Ch B) BiquadFilter4: 0x31C3 (Ch A)/ 0x35C3 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 10.3.1 3163:01 Low pass frequency

This object is to configure the low pass frequency of the configured filter type.

Description	Value
Index	BiquadFilter1: 0x3163 (Ch A)/ 0x3563 (Ch B) BiquadFilter2: 0x3183 (Ch A)/ 0x3583 (Ch B) BiquadFilter3: 0x31A3 (Ch A)/ 0x35A3 (Ch B) BiquadFilter4: 0x31C3 (Ch A)/ 0x35C3 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	4000.0
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 10.3.2 3163:02 Low pass damping

This object is to configure the low pass damping of the configured filter type.

Description	Value
Index	BiquadFilter1: 0x3163 (Ch A)/ 0x3563 (Ch B) BiquadFilter2: 0x3183 (Ch A)/ 0x3583 (Ch B) BiquadFilter3: 0x31A3 (Ch A)/ 0x35A3 (Ch B) BiquadFilter4: 0x31C3 (Ch A)/ 0x35C3 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 10.3.3 3163:03 High pass frequency

This object is to configure the high pass frequency of the configured filter type.

Description	Value
Index	BiquadFilter1: 0x3163 (Ch A)/ 0x3563 (Ch B) BiquadFilter2: 0x3183 (Ch A)/ 0x3583 (Ch B) BiquadFilter3: 0x31A3 (Ch A)/ 0x35A3 (Ch B) BiquadFilter4: 0x31C3 (Ch A)/ 0x35C3 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	4000.0
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 10.3.4 3163:04 High pass damping

This object is to configure the high pass damping of the configured filter type.

Description	Value
Index	BiquadFilter1: 0x3163 (Ch A)/ 0x3563 (Ch B) BiquadFilter2: 0x3183 (Ch A)/ 0x3583 (Ch B) BiquadFilter3: 0x31A3 (Ch A)/ 0x35A3 (Ch B) BiquadFilter4: 0x31C3 (Ch A)/ 0x35C3 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 10.3.5 3163:05 Filter type

This object is to configure the required filter type.

Description	Value
Index	BiquadFilter1: 0x3163 (Ch A)/ 0x3563 (Ch B) BiquadFilter2: 0x3183 (Ch A)/ 0x3583 (Ch B) BiquadFilter3: 0x31A3 (Ch A)/ 0x35A3 (Ch B) BiquadFilter4: 0x31C3 (Ch A)/ 0x35C3 (Ch B)
Subindex	0x05
Datatype	ENUM (INT16)
Min. Value	
Default	No_Filter (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
5 (0x05)	Notch_filter
4 (0x04)	Phase_correction_filter_2_order
3 (0x03)	Low_pass_filter_2_order
2 (0x02)	Phase_correction_filter_1_order
1 (0x01)	Low_pass_filter_1_order
0 (0x00)	No_Filter

## 10.4 3164 [SL] Filter input signal

This object contains the filter input signal.

Description	Value
Index	BiquadFilter1: 0x3164 (Ch A)/ 0x3564 (Ch B) BiquadFilter2: 0x3184 (Ch A)/ 0x3584 (Ch B) BiquadFilter3: 0x31A4 (Ch A)/ 0x35A4 (Ch B) BiquadFilter4: 0x31C4 (Ch A)/ 0x35C4 (Ch B)
Subindex	0x00
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm}$ ) BiquadFilter1: 0x3166/00 (Ch A)/ 0x3566/00 (Ch B) BiquadFilter2: 0x3186/00 (Ch A)/ 0x3586/00 (Ch B) BiquadFilter3: 0x31A6/00 (Ch A)/ 0x35A6/00 (Ch B) BiquadFilter4: 0x31C6/00 (Ch A)/ 0x35C6/00 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 10.5 3165 [SL] Filter output signal

This object contains the filter output signal.

Description	Value
Index	BiquadFilter1: 0x3165 (Ch A)/ 0x3565 (Ch B) BiquadFilter2: 0x3185 (Ch A)/ 0x3585 (Ch B) BiquadFilter3: 0x31A5 (Ch A)/ 0x35A5 (Ch B) BiquadFilter4: 0x31C5 (Ch A)/ 0x35C5 (Ch B)
Subindex	0x00
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm}$ ) BiquadFilter1: 0x3166/00 (Ch A)/ 0x3566/00 (Ch B) BiquadFilter2: 0x3186/00 (Ch A)/ 0x3586/00 (Ch B) BiquadFilter3: 0x31A6/00 (Ch A)/ 0x35A6/00 (Ch B) BiquadFilter4: 0x31C6/00 (Ch A)/ 0x35C6/00 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 10.6 3166 [SL] BiquadFilter scaling index

This object contains the scaling index of the filtered values.

Description	Value
Index	BiquadFilter1: 0x3166 (Ch A)/ 0x3566 (Ch B) BiquadFilter2: 0x3186 (Ch A)/ 0x3586 (Ch B) BiquadFilter3: 0x31A6 (Ch A)/ 0x35A6 (Ch B) BiquadFilter4: 0x31C6 (Ch A)/ 0x35C6 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	20480 (0x00005000)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



# 11 Objects of module TorqueControl

## 11.1 1600:x TorqueControl Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 11.2 16E0:x TorqueControl Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 11.3 1A00:x TorqueControl Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 11.4 1AE0:x TorqueControl Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 11.5 3240:x TorqueCtrl parameters mappable

This record contains all mappable parameters of this module.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)/ 0x3640 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 11.5.1 3240:01 Torque control proportional gain q

This object contains the proportional gain of the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)/ 0x3640 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	
Unit	V/A
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 11.5.2 3240:02 Torque control integral action time q

This object contains the integral action time of the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)/ 0x3640 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0001
Default	0.001
Max. Value	0.01
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 11.5.3 3240:03 Torque control proportional gain d

This object contains the second proportional gain of the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)/ 0x3640 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V/A
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 11.5.4 3240:04 Torque control integral action time d

This object contains the second integral action time of the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3240 (Ch A)/ 0x3640 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0001
Default	0.001
Max. Value	0.01
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

## 11.6 3241:x TorqueCtrl actual values

This object contains manufacturer specific actual values from the module torque/force control.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	12 (0x0C)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 11.6.1 3241:01 VeloCtrl torque/force demand value

This object indicates the torque/force controller demand value from the velocity controller.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm}$ ) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.6.2 3241:02 Feed forward torque/force demand value

This object indicates the torque/force controller feed forward value from the Interpolator.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm}$ ) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.6.3 3241:03 Limited torque/force demand value

This object indicates the effective torque/force demand value.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm}$ ) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.6.4 3241:04 Filtered torque/force demand value

This object indicates the filtered torque/force demand value.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm}$ ) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.6.5 3241:05 Reserved

This object is reserved for further development

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



### 11.6.6 3241:06 Torque ctrl statusword

This object shall provide the status of the torque/force controller. - Bit 0: Torque enabled - Bit 1: Torque ready to enable - Bit 4: Current reduction active - Bit 5: Max positive output voltage reached - Bit 6: Max negative output voltage reached - Bit 8: Internal limit active - Bit 11: Torque off active - Bit 12: Switching frequency reduced to 4kHz - Bit 13: Phase clamping active - Bit 14: Hysteresis ctrl active - Bit 16-19: Pos limit enumeration value - Bit 20-23: Neg limit enumeration value limit enumeration values: - 0: Application limit - 1: Limit switch - 2: Thermal device model nominal current - 3: Thermal device model peak current - 4: Thermal motor model nominal current - 5: Thermal model peak current - 6: DC link overvoltage protection

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x06
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.6.7 3241:07 Pos torque/force limit effective

This object indicates the effective positive torque/force limit.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.6.8 3241:08 Neg torque/force limit effective

This object indicates the effective negative torque/force limit.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.6.9 3241:09 TorCtrl torque/force actual value

This object indicates the actual value of torque/force.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.6.10 3241:0A Deceleration torque/force limit actual

This object indicates the actual torque/force limit for deceleration due to regenerative power limitations.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.6.11 3241:0B Additional VeloCtrl torque/force demand value

This object indicates the torque/force controller demand value from the velocity controller.

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.6.12 3241:0C Cogging compensation torque demand value

This object indicates the cogging compensation torque/force value,

Description	Value
Index	TorqueControlSlot: 0x3241 (Ch A)/ 0x3641 (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 Nm) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 11.7 3242:x TorqueCtrl actual values2

This object contains parameters to configure the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 11.7.1 3242:01 Iq TorqueProportional demand

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.2 3242:02 Id demand

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.3 3242:03 Iq TorqueProportional actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.4 3242:04 Iq actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.5 3242:05 Id actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.6 3242:06 Iu actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.7 3242:07 I<sub>v</sub> actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.8 3242:08 I<sub>w</sub> actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.9 3242:09 I<sub>alpha</sub> actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.10 3242:0A I<sub>beta</sub> actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.11 3242:0B I<sub>rms</sub> actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.12 3242:0C Thermal channel utilization

This object contains the actual thermal IGBT utilization.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	%
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.13 3242:0D I2 Channel

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.14 3242:0F Uq actual

internal voltage value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x0F
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.15 3242:10 Ud actual

internal voltage value



Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x10
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.16 3242:11 Urms actual

internal voltage value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x11
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.17 3242:12 Electrical power

Internal active power value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x12
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.18 3242:13 Mechanical power

Internal mechanical power value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x13
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.19 3242:14 Iuvw sum

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.20 3242:15 Commutation angle actual

This object indicates the actual electrical commutation angle for the space vector modulation.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	$x \cdot (360/65536)^\circ$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.21 3242:16 Ualpha actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x16
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.22 3242:17 Ubeta actual

internal current value

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x17
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.23 3242:18 Target torque/force remote loopback

This object displays the value of the object 'Target torque remote' and can be used to analyze the communication delays.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x18
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 11.7.24 3242:19 Frequency actual value

This object contains parameters to configure the torque/force controller.

Description	Value
Index	TorqueControlSlot: 0x3242 (Ch A)/ 0x3642 (Ch B)
Subindex	0x19
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 11.8 3243:x TorqueCtrl parameters

This object contains not mappable parameters of the TorqueControl module.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 11.8.1 3243:01 Configured channel rated current

This object configures the channel rated current. The range of this object depends on 'Channel rated current' (0x3243:03) and the on the configuration of the optional other channel. The summation is limited.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 11.8.2 3243:02 Configured channel peak current

This object configures the channel peak current. The range of this object depends on 'Channel peak current' (0x3243:04) and the on the configuration of the optional other channel. The summation is limited.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 11.8.3 3243:03 Channel rated current

This read only object indicates the maximal channel rated current. This value depends on the mains voltage and the PWM frequency.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 11.8.4 3243:04 Channel peak current

This read only object indicates the maximal channel peak current. This value depends on the mains voltage and the PWM frequency.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 11.8.5 3243:05 Configured channel peak torque/force

This read only object provides the configured channel peak torque/force. The value of this object depends on the motor and the configured peak current.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = $x * 1 \text{ Nm}$ ) 0x3005/05 (Ch A)/ 0x3405/05 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 11.8.6 3243:06 Max channel accepted velocity

This object contains maximum accepted velocity demand value to prevent high back EMF.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	depends on value of Object (default = x * 1 rpm) 0x3005/08 (Ch A)/ 0x3405/08 (Ch B)
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 11.8.7 3243:07 luvw max sum

This object configures the maximum accepted value in luvw sum.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	2.5
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 11.8.8 3243:08 Amplifier output voltage slope

This object configures the channel maximum voltage slope.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V/s
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 11.8.9 3243:09 Cycle Time

This object indicates the torque controller cycle time.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	62500 (0x0000F424)
Max. Value	
Unit	ns
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 11.8.10 3243:0A PWM mode

This object selects the PWM mode.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x0A
Datatype	ENUM (UINT32)
Min. Value	
Default	PWM_8kHz_regular (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	PWM_4kHz_permanent
1 (0x01)	PWM_16kHz_permanent
0 (0x00)	PWM_8kHz_regular

### 11.8.11 3243:0B Configured channel thermal rated current

This object configures the channel thermal rated current. The value of this object depends on the 'Configured channel rated current' (0x3243:01) and the on the configuration of the optional other channel.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



## 11.8.12 3243:0C Overcurrent protection weakening factor

This object might be used to weaken the overcurrent protection.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 11.8.13 3243:0D Voltage error compensation factor

This object might be used to scale the voltage error compensation magnitude.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	200.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 11.8.14 3243:0E Minimal current controller output voltage

This object might be used to ensure a minimal current controller output voltage value.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	200.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 11.8.15 3243:0F Amplifier output voltage slope mode

This object selects the Amplifier output voltage slope mode.

Description	Value
Index	TorqueControlSlot: 0x3243 (Ch A)/ 0x3643 (Ch B)
Subindex	0x0F
Datatype	ENUM (UINT32)
Min. Value	
Default	output_voltage_slope_mode_regular (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	output_voltage_slope_mode_modified
0 (0x00)	output_voltage_slope_mode_regular

## 11.9 3244:x TorqueCtrl demand values

This record contains mappable demand values of this module.

Description	Value
Index	TorqueControlSlot: 0x3244 (Ch A)/ 0x3644 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 11.9.1 3244:01 Id demand value

This object contains the d-Current demand value of the torque/force controller. (only active in CSTCA)

Description	Value
Index	TorqueControlSlot: 0x3244 (Ch A)/ 0x3644 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

### 11.9.2 3244:02 Target torque/force remote

This object shall provide the torque/force value. The offset shall be given in per thousand of motor standstill torque/force.

Description	Value
Index	TorqueControlSlot: 0x3244 (Ch A)/ 0x3644 (Ch B)
Subindex	0x02
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Dynamic Receive
Revision	All

### 11.9.3 3244:03 Target torque/force offset remote

This object shall provide the offset for the torque/force value. The offset shall be given in per thousand of motor standstill torque/force.

Description	Value
Index	TorqueControlSlot: 0x3244 (Ch A)/ 0x3644 (Ch B)
Subindex	0x03
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Dynamic Receive
Revision	All

### 11.10 6071 Target torque/force

This object shall indicate the configured input value for the torque/force controller. The value shall be given per thousand of motor standstill torque/force (0x6076).

Description	Value
Index	0x6071 (Ch A)/ 0x6871 (Ch B)
Subindex	0x00
Datatype	INT16
Min. Value	-32768 (0x8000)
Default	0
Max. Value	32767 (0x7FFF)
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All

## 11.11 6072 Bipolar torque/force limit value

This object indicates the configured maximum bipolar permissible torque/force in the motor. The value shall be given per thousand of standstill motor torque/force (0x6076).

Description	Value
Index	0x6072 (Ch A)/ 0x6872 (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

## 11.12 6077 Torque/force actual value

This object shall indicate the configured input value for the torque/force controller. The value shall be given per thousand of motor standstill torque/force (0x6076)  $M_0$ .

Description	Value
Index	0x6077 (Ch A)/ 0x6877 (Ch B)
Subindex	0x00
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 11.13 6087 Torque/force slope

This object shall indicate the configured rate of change of torque/force. The value shall be given in units of per thousand of standstill torque/force per second. Value Zero will turn this function off.

Description	Value
Index	0x6087 (Ch A)/ 0x6887 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	0,1 %/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 11.14 60B2 Torque/force offset

This object shall provide the offset for the torque/force value. The offset shall be given in per thousand of motor standstill torque/force. In cyclic synchronous position mode and cyclic synchronous velocity mode, this object contains the input value for an external calculated torque/force feed forward. In cyclic synchronous torque mode it contains the commanded additive torque/force of the drive, which is added to the target torque/force value.

Description	Value
Index	0x60B2 (Ch A)/ 0x68B2 (Ch B)
Subindex	0x00
Datatype	INT16
Min. Value	-32768 (0x8000)
Default	0
Max. Value	32767 (0x7FFF)
Unit	0,1 %
Access / EtherCAT-State	Ro
PDO Mapping	Receive
Revision	All



## 11.15 60E0 Positive torque/force limit value

This object indicates the configured maximum positive torque/force in the motor. The value shall be given per thousand of standstill torque/force (0x6076). Positive torque/force takes effect in the case of motive operation is positive velocity or regenerative operation is negative velocity.

Description	Value
Index	0x60E0 (Ch A)/ 0x68E0 (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

## 11.16 60E1 Negative torque/force limit value

This object indicates the configured maximum negative torque/force in the motor. The value shall be given per thousand of standstill torque/force (0x6076). Negative torque/force takes effect in the case of motive operation is negative velocity or regenerative operation is positive velocity.

Description	Value
Index	0x60E1 (Ch A)/ 0x68E1 (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	5000 (0x1388)
Max. Value	65535 (0xFFFF)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

## 11.17 60EA Commutation angle

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	0x60EA (Ch A)/ 0x68EA (Ch B)
Subindex	0x00
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	$x * (360/65536)^\circ$
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

## 12 Objects of module OCT rotary (Hiperface DSL)

### 12.1 1A00:x [SL] OCT rotary (Hiperface DSL) Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 12.2 1AE0:x [SL] OCT rotary (Hiperface DSL) Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 12.3 32E0:x [SL] OCT: Actual values (rotary, Hiperface DSL)

This object contains the actual encoder values which are updated every HpfDSL cycle.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 12.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 12.3.3 32E0:03 Actual position estimator deviation

The actual possible absolute position deviation calculated while the estimator is active.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 12.3.4 32E0:04 Status

Status register of the HpfDsl master IP core wrapper (troubleshooting only).

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 12.3.5 32E0:05 rsvd

This object contains the actual encoder values which are updated every HpfDSL cycle.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 12.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 12.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	$x * (360/4294967296)^\circ$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



## 12.4 32E1:x [SL] OCT: Encoder info (rotary, Hiperface DSL)

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	45 (0x2D)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.1 32E1:01 Interface

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.2 32E1:02 IpCore version

The version of the HpfDsl master IP core. [7..6]: Coding, [5..4]: Major release, [3..0]: Minor release

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.3 32E1:03 Encoder identification part 0

Byte 0 of the designation code of the motor feedback as defined in the HpfDSL protocol specification.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 12.4.4 32E1:04 Encoder identification part 1

Byte 1 of the designation code of the motor feedback as defined in the HpfDSL protocol specification.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 12.4.5 32E1:05 Encoder identification part 2

Byte 2 of the designation code of the motor feedback as defined in the HpfDSL protocol specification.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 12.4.6 32E1:06 Encoder base type

The type of encoder describes the basic functionality of the motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x06
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
8 (0x08)	HF2DSL_No_Encoder_connected
7 (0x07)	HF2DSL_Linear_Encoder_unipolar_counting
6 (0x06)	HF2DSL_Rotary_Encoder_unipolar_counting
5 (0x05)	HF2DSL_Linear_Encoder_bipolar_counting
4 (0x04)	HF2DSL_Rotary_Encoder_bipolar_counting
3 (0x03)	Linear_Encoder_unipolar_counting
2 (0x02)	Rotary_Encoder_unipolar_counting
1 (0x01)	Linear_Encoder_bipolar_counting
0 (0x00)	Rotary_Encoder_bipolar_counting

### 12.4.7 32E1:07 Encoder hardware version

The DSL slave interface hardware version.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.8 32E1:08 rsvd0

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.9 32E1:09 Resolution

The resolution value defines the number of steps per rotation of the encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.10 32E1:0A Range

The measurement range defines the number of coded rotations of the encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.11 32E1:0B Base type code name

The type name of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x0B
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.12 32E1:0C Serial number

The serial number of the encoder stored in ACSII.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x0C
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.13 32E1:0D Firmware revision number

The firmware and hardware version of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x0D
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.14 32E1:0E Firmware date

The firmware date of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x0E
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.15 32E1:0F Eeprom size

The total size in byte of non-volatile memory in the encoder available for storage of user data.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.16 32E1:10 Min permitted encoder temperature

The minimum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x10
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.17 32E1:11 Max permitted encoder temperature

The maximum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.18 32E1:12 Max permitted encoder speed

The permitted maximum shaft rotation speed for rotary DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	rpm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.19 32E1:13 Encoder internal position offset

The current position offset of the DSL motor feedback system stored by the manufacturer. The motor manufacturer usually uses this offset to adjust to commutation position.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x13
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.20 32E1:14 Estimator acceleration

The acceleration value used for position estimation in case of invalid fast positions.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	rad/s <sup>2</sup>
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.21 32E1:15 Accepted estimator deviation

The maximum accepted position deviation of the estimator.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x15
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	°
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.22 32E1:16 rsvd1

Value of the 'Max sync jitter' register of the HpfDsl master IP core.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.23 32E1:17 Encoder status 0 (addr 0x40) mask

Byte 0 (addr 0x40) of the encoder status is cyclically monitored to zero after applying this mask value.



Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 12.4.24 32E1:18 Encoder status 1 (addr 0x41) mask

Byte 1 (addr 0x41) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 12.4.25 32E1:19 Encoder status 2 (addr 0x42) mask

Byte 2 (addr 0x42) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 12.4.26 32E1:1A Encoder status 3 (addr 0x43) mask

Byte 3 (addr 0x43) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.27 32E1:1B Encoder status 4 (addr 0x44) mask

Byte 4 (addr 0x44) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.28 32E1:1C Encoder status 5 (addr 0x45) mask

Byte 5 (addr 0x45) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.29 32E1:1D Encoder status 6 (addr 0x46) mask

Byte 6 (addr 0x46) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.30 32E1:1E Encoder status 7 (addr 0x47) mask

Byte 7 (addr 0x47) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.31 32E1:1F Encoder status 0 (addr 0x40) after power up

Byte 0 (addr 0x40) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.32 32E1:20 Encoder status 1 (addr 0x41) after power up

Byte 1 (addr 0x41) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.33 32E1:21 Encoder status 2 (addr 0x42) after power up

Byte 2 (addr 0x40) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.34 32E1:22 Encoder status 3 (addr 0x43) after power up

Byte 3 (addr 0x43) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.35 32E1:23 Encoder status 4 (addr 0x44) after power up

Byte 4 (addr 0x44) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.36 32E1:24 Encoder status 5 (addr 0x45) after power up

Byte 5 (addr 0x45) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.37 32E1:25 Encoder status 6 (addr 0x46) after power up

Byte 6 (addr 0x46) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.38 32E1:26 Encoder status 7 (addr 0x47) after power up

Byte 7 (addr 0x47) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.39 32E1:27 Encoder index

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.40 32E1:28 Encoder index status

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.41 32E1:29 Error log filter

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.42 32E1:2A Safe channel 2 resolution

The resolution value of the safe channel 2.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x2A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.43 32E1:2B rsvd2

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x2B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.44 32E1:2C System periods and resolution

RID SPERIOS

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x2C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.4.45 32E1:2D Code disk position range

RID AXPOSRNG

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



## 12.5 32E2:x [SL] OCT: Encoder status (rotary, Hiperface DSL)

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	34 (0x22)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.1 32E2:01 Delay register

The run time delay of the system cable and the signal strength. [7..4] RSSI, Received signal strength, [3..0] Cable delay in 100ns

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.2 32E2:02 Master quality monitor

The quality monitoring value for the data connection. [7] Link, [3..0] Quality monitoring value.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.3 32E2:03 Slave received signal strength

Slave Received Signal Strength Indicator. [2..0] Indication of the strength of the signal arriving at the slave.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.4 32E2:04 Edges register

The edge register contains the time control for the DSL cable bit sampling and can be used to monitor the connection quality.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.5 32E2:05 Summary register

The summary register contains the summarized DSL Slave status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.6 32E2:06 rsvd0

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.7 32E2:07 Encoder temperature

The current temperature of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x07
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.8 32E2:08 Sensor monitor eg LED current

The current value of the product-specific sensor monitoring. In case of optical encoders the LED current is displayed.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 mA
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.9 32E2:09 Supply voltage

The measured supply voltage of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.10 32E2:0A Encoder status 0 (addr 0x40)

Byte 0 (addr 0x40) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.11 32E2:0B Encoder status 1 (addr 0x41)

Byte 1 (addr 0x41) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.12 32E2:0C Encoder status 2 (addr 0x42)

Byte 2 (addr 0x42) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.13 32E2:0D Encoder status 3 (addr 0x43)

Byte 3 (addr 0x43) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.14 32E2:0E Encoder status 4 (addr 0x44)

Byte 4 (addr 0x44) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.15 32E2:0F Encoder status 5 (addr 0x45)

Byte 5 (addr 0x45) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.16 32E2:10 Encoder status 6 (addr 0x46)

Byte 6 (addr 0x46) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.17 32E2:11 Encoder status 7 (addr 0x47)

Byte 7 (addr 0x47) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.18 32E2:12 Operation time

The operating time of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.19 32E2:13 Total shaft turns

The observed number of shaft rotations of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.20 32E2:14 Max occurred position deviation

The maximum possible absolute position deviation calculated while the estimator is active.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	°
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.21 32E2:15 Position deviation limit exceeded

Signals if the absolute position deviation threshold is exceeded.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.22 32E2:16 rsvd1

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.23 32E2:17 Total VPOS errors

VPOS error counter.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.24 32E2:18 Total ACC errors

ACC error counter.



Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.25 32E2:19 Total VRT errors

VRT error counter.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.26 32E2:1A Total POS errors

POS error counter.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.27 32E2:1B Total LINK errors

LINK error counter.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.28 32E2:1C Total encoding errors

8b/10b encoding error counter.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.29 32E2:1D rsvd2

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.30 32E2:1E Resistance measurement value

Resistance of the temperature sensor connected to the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.31 32E2:1F Parameter channel access counter

Count of the parameter channel read/write requests.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.32 32E2:20 Parameter channel access error counter

Count of the failed parameter channel read/write requests.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.33 32E2:21 Remaining life time

The remaining task lifetime of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x21
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.5.34 32E2:22 Code disk position

The current value of the code disc position of bearing-less or kit encoders.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x22
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 12.6 32E3:x [SL] Temperature sensors

This object contains the temperature sensor values.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.6.1 32E3:01 HpfDSL encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value,

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 12.6.2 32E3:02 HpfDSL encoder connected sensor resistance

This object contains the resistance of the encoder connected temperature sensor value,

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**12.6.3 32E3:03 Drive connected sensor data state**

This object contains the data state of the drive connected temperature sensor value,

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

**12.6.4 32E3:04 Drive connected sensor resistance**

This object contains the resistance of the simulated temperature sensor value,

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 12.7 32E4:x [SL] OCT: Electronic data sheet (rotary, Hiperface DSL)

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.7.1 32E4:01 Data state

Data state of the displayed 'Electronic Data Sheet' data.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 12.7.2 32E4:02 Electronic data sheet

The binary data of the electronic data sheet.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



## 12.8 32E5:x [SL] OCT: Position offset data (rotary, Hiperface DSL)

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.8.1 32E5:01 Data state

Data state of the displayed 'Position Offset'.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 12.8.2 32E5:02 Position offset

The position offset stored in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 12.9 32E6:x [SL] OCT: User data (rotary, Hiperface DSL)

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.9.1 32E6:01 Data state

Data state of the displayed 'User Data'.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 12.9.2 32E6:02 User data

The user data string stored in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 12.10 32E7:x [SL] OCT: Commutation offset data (rotary, Hiperface DSL)

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.10.1 32E7:01 Data state

Data state of the displayed 'Commutation Offset'.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 12.10.2 32E7:02 Commutation offset

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,01 °
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 12.11 32E8:x [SL] OCT: Direct encoder access (rotary, Hiperface DSL)

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.11.1 32E8:01 Command

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 12.11.2 32E8:02 Status

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent



Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 12.11.3 32E8:03 Response

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 12.12 32EA:x [SL] OCT: Save user data (rotary, Hiperface DSL)

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.12.1 32EA:01 Command

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 12.12.2 32EA:02 Status

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 12.12.3 32EA:03 Response

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 12.13 32EB:x [SL] OCT: Save commutation offset (rotary, Hiperface DSL)

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.13.1 32EB:01 Command

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 12.13.2 32EB:02 Status

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent



Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 12.13.3 32EB:03 Response

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 12.14 32EC:x [SL] OCT: Scan connected encoder (rotary, Hiperface DSL)

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.14.1 32EC:01 Command

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 12.14.2 32EC:02 Status

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 12.14.3 32EC:03 Response

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 12.15 32ED:x [SL] OCT: Save electronic data sheet (rotary, Hiperface DSL)

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.15.1 32ED:01 Command

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 12.15.2 32ED:02 Status

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent



Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 12.15.3 32ED:03 Response

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 12.16 32EF:x [SL] OCT: Encoder parameter (rotary, Hiperface DSL)

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	11 (0x0B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.16.1 32EF:01 Connector

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorHpfDSL_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00)	ConnectorHpfDSL_CorrespondingToDriveChannel

### 12.16.2 32EF:02 Resolution policy

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

### 12.16.3 32EF:03 Resolution

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 12.16.4 32EF:04 Range policy

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x04
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

### 12.16.5 32EF:05 Range

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 12.16.6 32EF:06 Trace level

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x06
Datatype	ENUM (UINT32)
Min. Value	
Default	FbTraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
14 (0x0E)	FbTraceLevel_VerboseWithLineMonitoringEmcyMsg
13 (0x0D)	FbTraceLevel_InfoWithLineMonitoringEmcyMsg
12 (0x0C)	FbTraceLevel_WarningWithLineMonitoringEmcyMsg
11 (0x0B)	FbTraceLevel_ErrorWithLineMonitoringEmcyMsg
10 (0x0A)	FbTraceLevel_LineMonitoringEmcyMsg
4 (0x04)	FbTraceLevel_Verbose
3 (0x03)	FbTraceLevel_Info
2 (0x02)	FbTraceLevel_Warning
1 (0x01)	FbTraceLevel_Error
0 (0x00)	FbTraceLevel_Off

### 12.16.7 32EF:07 Reserved

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 12.16.8 32EF:08 Status monitoring mask

This object contains not mappable parameters of the OCT rotary (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x08
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 12.16.9 32EF:09 Customized estimator acceleration

The acceleration value used for position estimation in case of invalid fast positions. If this value is set to 0.0 the internal default value is used. See 'Encoder info'.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rad/s <sup>2</sup>
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 12.16.10 32EF:0A Use customized accepted estimator deviation

Set to 1 if the 'Customized accepted estimator deviation' value should be used. Otherwise the internal default value is used. See 'Encoder info'.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x0A
Datatype	ENUM (UINT8)
Min. Value	No_UseDefault (0)
Default	No_UseDefault (0)
Max. Value	Yes_UseParameterValue (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Yes_UseParameterValue
0 (0x00)	No_UseDefault

### 12.16.11 32EF:0B Customized accepted estimator deviation

The maximum accepted position deviation of the estimator. The value may be limited due to internal conditions. See 'Encoder info' for the active value.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 12.17 32F0:x [SL] OCT: Cogging compensation data (rotary, Hiperface DSL)

This object contains the content and the state of the cogging compensation data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.17.1 32F0:01 Data state

Data state of the displayed compensation data.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

## 12.17.2 32F0:02 Compensation data

The binary data of the electronic data sheet.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



## 12.18 32FD:x [SL] OCT: sHub info and status (rotary, Hiperface DSL)

This object contains a collection of information from the sHub.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	11 (0x0B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.18.1 32FD:01 Identify IO amount of IOs

Version and feature info of the Hpfdsl master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.18.2 32FD:02 Identify IO input 1 specification

Version and feature info of the Hpfdsl master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.18.3 32FD:03 Identify IO input 2 specification

Version and feature info of the Hpfdsl master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.18.4 32FD:04 Device Type

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.18.5 32FD:05 Base type code name

The type name of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x05
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.18.6 32FD:06 Serial number

The serial number of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x06
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.18.7 32FD:07 Firmware revision number

The firmware and hardware version of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x07
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.18.8 32FD:08 Firmware date

The firmware date of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x08
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.18.9 32FD:09 Min permitted temperature

The minimum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x09
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.18.10 32FD:0A Max permitted temperature

The maximum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x0A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.18.11 32FD:0B Operation time

The operating time of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 12.19 32FE:x [SL] OCT: sHub actual values (rotary, Hiperface DSL)

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	Primary Feedback: 0x32FE (Ch A)/ 0x36FE (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 12.19.1 32FE:01 sHubData

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	Primary Feedback: 0x32FE (Ch A)/ 0x36FE (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 13 Objects of module EnDat 22 rotary

### 13.1 1A00:x [SL] EnDat 22 rotary Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 13.2 1AE0:x [SL] EnDat 22 rotary Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 13.3 32E0:x [SL] EnDat 22: Actual values (rotary)

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 13.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

#### 13.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



### 13.3.3 32E0:03 rsvd1

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.4 32E0:04 Status

Status register of the EnDat motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.5 32E0:05 rsvd2

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	$x * (360/4294967296)^\circ$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.8 32E0:08 Valuation data raw

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.9 32E0:09 Valuation addr 1

Evaluation of the incremental or scanning track. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.10 32E0:0A Valuation addr 2

Free for future applications. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.11 32E0:0B Valuation addr 3

Evaluation of the absolute track / (reference-pulse width). Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.12 32E0:0C Valuation addr 4

Evaluation of the position-value formation / (reference-pulse position). Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.13 32E0:0D Valuation addr 5

Reserved for touch probes. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.14 32E0:0E Valuation addr 6

Reserved for touch probes. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.15 32E0:0F Valuation addr 7

Reserved for future applications. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.16 32E0:10 Valuation addr 8

Reserved for future applications. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.17 32E0:11 Mounting parameter 8

E.g. mounting clearance in  $10^{-6}$  m (-32767  $10^{-6}$  m to +32767  $10^{-6}$  m)

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.18 32E0:12 Mounting parameter 9

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x12
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.19 32E0:13 Mounting parameter 10

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x13
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.3.20 32E0:14 Mounting parameter 11

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x14
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 13.4 32E1:x [SL] EnDat 22: Encoder info (rotary)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	124 (0x7C)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.1 32E1:01 Interface

Version and feature info of the EnDat2.2 master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.2 32E1:02 IpCore Ident

Internal identification of the EnDat2.2 master IP core.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.3 32E1:03 Mask 0 [2.1: Word 4]

EnDat encoder manufacturer parameter 'Mask 0' (EnDat 2.1: Word 4)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.4 32E1:04 Mask 1 [2.1: Word 5]

EnDat encoder manufacturer parameter 'Mask 1' (EnDat 2.1: Word 5)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.5 32E1:05 Mask 2 [2.1: Word 6]

EnDat encoder manufacturer parameter 'Mask 2' (EnDat 2.1: Word 6)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 13.4.6 32E1:06 Mask 3 [2.1: Word 7]

EnDat encoder manufacturer parameter 'Mask 3' (EnDat 2.1: Word 7)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.7 32E1:07 Version of the EnDat interface [2.1: Word 8]

EnDat encoder manufacturer parameter 'Version' (EnDat 2.1: Word 8)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.8 32E1:08 Memory allocation for parameters of the OEM [2.1: Word 9,10]

EnDat encoder manufacturer parameter 'Memory allocation for EnDat 2.1' (EnDat 2.1: Word 9, 10)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.9 32E1:09 Memory allocation for compensation values [2.1: Word 11,12]

EnDat encoder manufacturer parameter 'Memory allocation for EnDat 2.1' (EnDat 2.1: Word 11)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.10 32E1:0A Number of clocks for position value [2.1: Word 13]

EnDat encoder manufacturer parameter 'Number of clock pulses for transfer of position value' (EnDat 2.1: Word 13)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.11 32E1:0B Encoder type [2.1: Word 14]

EnDat encoder manufacturer parameter 'Encoder model' (EnDat 2.1: Word 14)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.12 32E1:0C Signal periods per revolution [2.1: Word 15,16]

EnDat encoder manufacturer parameter 'Signal periods per revolution' (Words 15, 16)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.13 32E1:0D Number of distinguishable revolutions [2.1: Word 17]

EnDat encoder manufacturer parameter 'Distinguishable revolutions' (EnDat 2.1: Word 17)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.14 32E1:0E Increment of reference marks [2.1: Word 18]

EnDat encoder manufacturer parameter 'Increment of reference marks' (EnDat 2.1: Word 18)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.15 32E1:0F Position of the first reference mark [2.1: Word 19]**

EnDat encoder manufacturer parameter 'Position of the first reference mark' (EnDat 2.1: Word 19)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.16 32E1:10 Measuring steps per revolution [2.1: Word 20,21]**

EnDat encoder manufacturer parameter 'Measuring steps per revolution with serial data transfer' (Words 20, 21)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.17 32E1:11 Datum shift [2.1: Word 22,23]**

EnDat encoder manufacturer parameter 'Datum shift from the encoder manufacturer' (Words 22, 23)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.18 32E1:12 ID number 0 [2.1: Word 24]**

EnDat encoder manufacturer parameter 'ID number' (EnDat 2.1: Word 24)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.19 32E1:13 ID number 1 [2.1: Word 25]**

EnDat encoder manufacturer parameter 'ID number' (EnDat 2.1: Word 25)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.20 32E1:14 ID number 2 [2.1: Word 26]**

EnDat encoder manufacturer parameter 'ID number' (EnDat 2.1: Word 26)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.21 32E1:15 Serial number 0 [2.1: Word 27]**

EnDat encoder manufacturer parameter 'Serial number' (EnDat 2.1: Word 27)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.22 32E1:16 Serial number 1 [2.1: Word 28]**

EnDat encoder manufacturer parameter 'Serial number' (EnDat 2.1: Word 28)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.23 32E1:17 Serial number 2 [2.1: Word 29]**

EnDat encoder manufacturer parameter 'Serial number' (EnDat 2.1: Word 29)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.24 32E1:18 Direction of rotation [2.1: Word 30]**

EnDat encoder manufacturer parameter 'Direction of rotation' (EnDat 2.1: Word 30)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.25 32E1:19 Status of commissioning diagnostics [2.1: Word 31]**

EnDat encoder manufacturer parameter 'Status of commissioning diagnostics' (EnDat 2.1: Word 31)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.26 32E1:1A Maximum mechanically permissible shaft speed [2.1: Word 32]**

EnDat encoder manufacturer parameter 'Maximum mechanically permissible linear velocity' (EnDat 2.1: Word 32)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	1/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.27 32E1:1B Accuracy depending on shaft speed area I [2.1: Word 33]

EnDat encoder manufacturer parameter 'Accuracy depending on shaft speed, area 1' (EnDat 2.1: Word 33)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.28 32E1:1C Accuracy depending on shaft speed area II [2.1: Word 34]

EnDat encoder manufacturer parameter 'Accuracy depending on shaft speed, area 2' (EnDat 2.1: Word 34)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.29 32E1:1D Support of error messages 1 [2.1: Word 35]

EnDat encoder manufacturer parameter 'Support of error messages 1' (EnDat 2.1: Word 35)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**13.4.30 32E1:1E Support of warnings [2.1: Word 36]**

EnDat encoder manufacturer parameter 'Support of warnings' (EnDat 2.1: Word 36)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.31 32E1:1F EnDat command set [2.1: Word 37]**

EnDat encoder manufacturer parameter 'EnDat command set' (EnDat 2.1: Word 37)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.32 32E1:20 EnDat parameter word 38 linear only [2.1: Word 38]**

EnDat encoder manufacturer parameter 'Measuring length' (EnDat 2.1: Word 38)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.33 32E1:21 Max calc time for position value [2.1: Word 39]**

EnDat encoder manufacturer parameter 'Max. calculation time for position value' (EnDat 2.1: Word 39)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.34 32E1:22 EnDat ordering designation [2.1: Word 40]**

EnDat encoder manufacturer parameter 'EnDat ordering designation' (EnDat 2.1: Word 40)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.35 32E1:23 OEM specific data 0 [2.1: Word 41]**

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 41)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.36 32E1:24 OEM specific data 1 [2.1: Word 42]**

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 42)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.37 32E1:25 OEM specific data 2 [2.1: Word 43]**

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 43)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.38 32E1:26 OEM specific data 3 [2.1: Word 44]**

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 44)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.39 32E1:27 OEM specific data 4 [2.1: Word 45]**

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 45)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.40 32E1:28 OEM specific data 5 [2.1: Word 46]**

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 46)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.41 32E1:29 Checksum [2.1: Word 47]**

EnDat encoder manufacturer parameter 'Checksum' (EnDat 2.1: Word 47)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.42 32E1:2A Status of additional datum 1 [2.2: Word 0]

EnDat 2.2 encoder manufacturer parameter 'Status of additional datum 1' (EnDat2.2: Word 0)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.43 32E1:2B Status of additional datum 2 [2.2: Word 1]

EnDat 2.2 encoder manufacturer parameter 'Status of additional datum 2' (EnDat2.2: Word 1)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.44 32E1:2C Status of additional functions [2.2: Word 2]

EnDat 2.2 encoder manufacturer parameter 'Status of additional functions' (EnDat2.2: Word 2)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.45 32E1:2D Acceleration [2.2: Word 3]**

EnDat 2.2 encoder manufacturer parameter 'Acceleration' (EnDat2.2: Word 3)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	1/s <sup>2</sup>
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.46 32E1:2E Scaling function for temperature [2.2: Word 4]**

EnDat 2.2 encoder manufacturer parameter 'Scaling function for temperature' (EnDat2.2: Word 4)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.47 32E1:2F Diagnostic status [2.2: Word 5]**

EnDat 2.2 encoder manufacturer parameter 'Diagnostic status' (EnDat2.2: Word 5)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.48 32E1:30 Support of error message 2 [2.2: Word 6]**

EnDat 2.2 encoder manufacturer parameter 'Support of error message 2' (EnDat2.2: Word 6)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.49 32E1:31 Forced sampling status [2.2: Word 7,8]**

EnDat 2.2 encoder manufacturer parameter 'Forced sampling status' (Words 7, 8)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x31
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.50 32E1:32 Measuring steps per rev for position value 2 [2.2: Word 9,10]**

EnDat 2.2 encoder manufacturer parameter 'Measuring step for position value 2' (Words 9, 10)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x32
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.51 32E1:33 Accuracy of position value 2 area I [2.2: Word 11,12]**

EnDat 2.2 encoder manufacturer parameter 'Accuracy of position value 2 depending on linear velocity, area 1' (Words 11, 12)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x33
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.52 32E1:34 Accuracy of position value 2 area II [2.2: Word 13,14]**

EnDat 2.2 encoder manufacturer parameter 'Accuracy of position value 2 depending on linear velocity, area 2' (Words 13, 14)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x34
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.53 32E1:35 Number of distinguishable revolutions for position value 2 [2.2: Word 15]**

EnDat 2.2 encoder manufacturer parameter 'Number of distinguishable revolutions for position value 2' (EnDat2.2: Word 15)



Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.54 32E1:36 Direction of rotation of position value 2 [2.2: Word 16]

EnDat 2.2 encoder manufacturer parameter 'Direction of rotation or traverse of position value 2' (EnDat2.2: Word 16)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.55 32E1:37 Encoder identification 0 [2.2: Word 17]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 17)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.56 32E1:38 Encoder identification 1 [2.2: Word 18]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 18)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.57 32E1:39 Encoder identification 2 [2.2: Word 19]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 19)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.58 32E1:3A Encoder identification 3 [2.2: Word 20]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 20)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.59 32E1:3B Support of instructions [2.2: Word 21]

EnDat 2.2 encoder manufacturer parameter 'Support of instructions' (EnDat2.2: Word 21)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.60 32E1:3C Max permissible encoder temperature [2.2: Word 22]**

EnDat 2.2 encoder manufacturer parameter 'Max. permissible encoder temperature at measuring' (EnDat2.2: Word 22)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.61 32E1:3D Max permissible acceleration [2.2: Word 23]**

EnDat 2.2 encoder manufacturer parameter 'Max. permissible acceleration' (EnDat2.2: Word 23)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	1/s <sup>2</sup>
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.62 32E1:3E Number of blocks for memory area section 2 [2.2: Word 24]**

EnDat 2.2 encoder manufacturer parameter 'Number of blocks for memory area,' (EnDat2.2: Word 24)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.63 32E1:3F Max clock frequency [2.2: Word 25]

EnDat 2.2 encoder manufacturer parameter 'Maximum clock frequency' (EnDat2.2: Word 25)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	kHz
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.64 32E1:40 Number of bits for position comparison [2.2: Word 26]

EnDat 2.2 encoder manufacturer parameter 'Number of bits for position comparison' (EnDat2.2: Word 26)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.65 32E1:41 Scaling factor for resolution [2.2: Word 27]

EnDat 2.2 encoder manufacturer parameter 'Scaling factor for resolution' (EnDat2.2: Word 27)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.66 32E1:42 Measuring steps per revolution EnDat22 [2.2: Word 28,29]

EnDat 2.2 encoder manufacturer parameter 'Measuring step' (Words 28, 29)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x42
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.67 32E1:43 Max rpm for constant code value [2.2: Word 30]

EnDat 2.2 encoder manufacturer parameter 'Max. speed for constant code value' (EnDat2.2: Word 30)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	1/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.68 32E1:44 Offset between pos value and pos value 2 0 [2.2: Word 31]

EnDat 2.2 encoder manufacturer parameter 'Offset between position value and position value 2' (EnDat2.2: Word 31)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.69 32E1:45 Offset between pos value and pos value 2 1 [2.2: Word 32]

EnDat 2.2 encoder manufacturer parameter 'Offset between position value and position value 2' (EnDat2.2: Word 32)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.70 32E1:46 Offset between pos value and pos value 2 2 [2.2: Word 33]

EnDat 2.2 encoder manufacturer parameter 'Offset between position value and position value 2' (EnDat2.2: Word 33)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.71 32E1:47 Number of distinguishable revolutions with scaling factor [2.2: Word 34]

EnDat 2.2 encoder manufacturer parameter "Number of distinguishable revolutions" with scaling factor' (EnDat2.2: Word 34)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.72 32E1:48 Support of operating status error sources [2.2: Word 35]

EnDat 2.2 encoder manufacturer parameter 'Support of operating status error sources' (EnDat2.2: Word 35)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.73 32E1:49 Safety relevant measuring steps 0 [2.2: Word 36]**

EnDat 2.2 encoder manufacturer parameter 'Safety-relevant measuring steps' (EnDat2.2: Word 36)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.74 32E1:4A Safety relevant measuring steps 1 [2.2: Word 37]**

EnDat 2.2 encoder manufacturer parameter 'Safety-relevant measuring steps' (EnDat2.2: Word 37)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.75 32E1:4B Safety relevant measuring steps 2 [2.2: Word 38]**

EnDat 2.2 encoder manufacturer parameter 'Safety-relevant measuring steps' (EnDat2.2: Word 38)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**13.4.76 32E1:4C Non safety relevant subdivision of the relative position 0 [2.2: Word 39]**

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the relative position' (EnDat2.2: Word 39)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.77 32E1:4D Non safety relevant subdivision of the relative position 1 [2.2: Word 40]**

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the relative position' (EnDat2.2: Word 40)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.78 32E1:4E Non safety relevant subdivision of the absolute position 0 [2.2: Word 41]**

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the absolute position' (EnDat2.2: Word 41)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.79 32E1:4F Non safety relevant subdivision of the absolute position 1 [2.2: Word 42]

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the absolute position' (EnDat2.2: Word 42)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.80 32E1:50 Generation of a warning message through limit position signals [2.2: Word 43]

EnDat 2.2 encoder manufacturer parameter 'Generation of a warning message through limit position signals' (EnDat2.2: Word 43)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.81 32E1:51 Support of touch probe statuses [2.2: Word 44]

EnDat 2.2 encoder manufacturer parameter 'Support of touch probe statuses' (EnDat2.2: Word 44)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.82 32E1:52 Timestamp unit of measure [2.2: Word 45]

EnDat 2.2 encoder manufacturer parameter 'Timestamp unit of measure' (EnDat2.2: Word 45)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.83 32E1:53 Referencing of incremental encoders [2.2: Word 46]

EnDat 2.2 encoder manufacturer parameter 'Referencing of incremental encoders' (EnDat2.2: Word 46)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.84 32E1:54 Support of I/Os [2.2: Word 47]**

EnDat 2.2 encoder manufacturer parameter 'Support of I/Os' (EnDat2.2: Word 47)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.85 32E1:55 Assigned [2.2: Word 48]**

EnDat 2.2 encoder manufacturer parameter 'Assigned' (EnDat2.2: Word 48)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.86 32E1:56 EnDat2.2 rsvd 0 [2.2: Word 49]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 49)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.87 32E1:57 EnDat2.2 rsvd 1 [2.2: Word 50]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 50)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.88 32E1:58 EnDat2.2 rsvd 2 [2.2: Word 51]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 51)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.89 32E1:59 EnDat2.2 rsvd 3 [2.2: Word 52]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 52)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.90 32E1:5A EnDat2.2 rsvd 4 [2.2: Word 53]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 53)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.91 32E1:5B EnDat2.2 rsvd 5 [2.2: Word 54]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 54)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.92 32E1:5C EnDat2.2 rsvd 6 [2.2: Word 55]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 55)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.93 32E1:5D EnDat2.2 rsvd 7 [2.2: Word 56]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 56)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.94 32E1:5E EnDat2.2 rsvd 8 [2.2: Word 57]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 57)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.95 32E1:5F EnDat2.2 rsvd 9 [2.2: Word 58]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 58)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.96 32E1:60 EnDat2.2 rsvd 10 [2.2: Word 59]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 59)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.97 32E1:61 EnDat2.2 rsvd 11 [2.2: Word 60]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 60)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.98 32E1:62 EnDat2.2 rsvd 12 [2.2: Word 61]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 61)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**13.4.99 32E1:63 EnDat2.2 rsvd 13 [2.2: Word 62]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 62)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.100 32E1:64 Checksum EnDat2.2 [2.2: Word 63]**

EnDat 2.2 encoder manufacturer parameter 'Checksum' (EnDat2.2: Word 63)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.101 32E1:65 Operating status word 0 (errors) after power up**

Operating status 'Error messages' (OpStatus: Word 0)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.102 32E1:66 Operating status word 1 (warnings) after power up**

Operating status 'Warning' (OpStatus: Word 1)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.103 32E1:67 Operating status word 2 (Write-Protected Status) after power up**

Operating status 'Warning' (OpStatus: Word 1)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.104 32E1:68 Operating status word 3 (Function init) after power up**

Operating status 'Warning' (OpStatus: Word 1)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.105 32E1:69 Operating status error sources after power up (EnDat 2.2)

'Operating status error sources' after power up (EnDat 2.2 additional data)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.106 32E1:6A rsvd

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.107 32E1:6B Datum shift 0 [Operating Parameter: Word 0]

Operating parameters 'Datum shift 0' (OpPara: Word 0)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.108 32E1:6C Datum shift 1 [Operating Parameter: Word 1]**

Operating parameters 'Datum shift 1' (OpPara: Word 1)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.109 32E1:6D Datum shift 2 [Operating Parameter: Word 2]**

Operating parameters 'Datum shift 2' (OpPara: Word 2)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.110 32E1:6E Diagnostics configuration [Operating Parameter: Word 3]**

Operating parameters 'Diagnostics configuration' (OpPara: Word 3)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.111 32E1:6F Address assignment [Operating Parameter: Word 4]

Operating parameters 'Address assignment' (OpPara: Word 4)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.112 32E1:70 Instruction [Operating Parameter: Word 5]

Operating parameters 'Instruction' (OpPara: Word 5)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.113 32E1:71 Temperature warning threshold [Operating Parameter: Word 6]

Operating parameters 'Trigger threshold of the warning bit for excessive temperature' (OpPara: Word 6)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.114 32E1:72 Cycle time 0 [Operating Parameter: Word 7]**

Operating parameters 'Cycle time 0' (OpPara: Word 7)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.115 32E1:73 Cycle time 1 [Operating Parameter: Word 8]**

Operating parameters 'Cycle time 1' (OpPara: Word 8)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.116 32E1:74 OpPara rsvd 9 [Operating Parameter: Word 9]**

reserved (OpPara: Word 9)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.117 32E1:75 OpPara rsvd 10 [Operating Parameter: Word 10]**

reserved (OpPara: Word 10)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.118 32E1:76 OpPara rsvd 11 [Operating Parameter: Word 11]**

reserved (OpPara: Word 11)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.119 32E1:77 OpPara rsvd 12 [Operating Parameter: Word 12]**

reserved (OpPara: Word 12)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.120 32E1:78 OpPara rsvd 13 [Operating Parameter: Word 13]**

reserved (OpPara: Word 13)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.121 32E1:79 OpPara rsvd 14 [Operating Parameter: Word 14]**

reserved (OpPara: Word 14)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**13.4.122 32E1:7A OpPara rsvd 15 [Operating Parameter: Word 15]**

reserved (OpPara: Word 15)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 13.4.123 32E1:7B Total calculation and transfer time

The time span between the position sample point and the end of the data transfer to the drive.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x7B
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.4.124 32E1:7C Position sample point shift relative to the sync signal

Time difference between the DC Sync1 and the position sample time. (If T is less than zero the position is sampled before the Sync1 occurs!)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x7C
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 13.5 32E2:x [SL] EnDat 22: Encoder status (rotary)

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	27 (0x1B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.1 32E2:01 Add1 Position value 2 status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 13.5.2 32E2:02 Add1 Position value 2

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x02
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.3 32E2:03 Add1 Test values status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 13.5.4 32E2:04 Add1 Test values

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.5 32E2:05 Add1 Temperature sensor internal status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x05
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 13.5.6 32E2:06 Add1 Temperature sensor internal

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.7 32E2:07 Add1 Temperature sensor external status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x07
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 13.5.8 32E2:08 Add1 Temperature sensor external

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.9 32E2:09 Add1 Additional sensors status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x09
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 13.5.10 32E2:0A Add1 Additional sensors

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.11 32E2:0B Add2 Commutation status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x0B
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 13.5.12 32E2:0C Add2 Commutation

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.13 32E2:0D Add2 Acceleration status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x0D
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 13.5.14 32E2:0E Add2 Acceleration

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.15 32E2:0F Add2 Limit position signals status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x0F
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 13.5.16 32E2:10 Add2 Limit position signals

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.17 32E2:11 Add2 Asynchronous position value status

Detailed encoder status information.



Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x11
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 13.5.18 32E2:12 Add2 Asynchronous position value

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x12
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.19 32E2:13 Add2 Operating status error sources status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x13
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 13.5.20 32E2:14 Add2 Operating status error sources

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.21 32E2:15 Add2 Position value 2 status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x15
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 13.5.22 32E2:16 Add2 Position value 2

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x16
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.23 32E2:17 Add2 Timestamp status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x17
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 13.5.24 32E2:18 Add2 Timestamp

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.25 32E2:19 Encoder status update counter

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.26 32E2:1A Parameter access error counter

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.5.27 32E2:1B Ring buffer cycle count

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 13.6 32E3:x [SL] Temperature sensors

Temperature sensor values.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.6.1 32E3:01 EnDat22 encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 13.6.2 32E3:02 EnDat22 encoder connected sensor resistance

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 13.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.6.5 32E3:02 EnDat22 encoder connected sensor temperature

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 13.7 32E4:x [SL] EnDat 22: Electronic data sheet (rotary)

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B) Secondary Feedback: 0x3304 (Ch A)/ 0x3704 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 13.7.1 32E4:01 Data state

Data state of the displayed 'Electronic Data Sheet' data.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B) Secondary Feedback: 0x3304 (Ch A)/ 0x3704 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 13.7.2 32E4:02 Electronic data sheet

The binary data of the electronic data sheet.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B) Secondary Feedback: 0x3304 (Ch A)/ 0x3704 (Ch B)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



## 13.8 32E5:x [SL] EnDat 22: Position offset data (rotary)

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B) Secondary Feedback: 0x3305 (Ch A)/ 0x3705 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.8.1 32E5:01 Data state

Data state of the displayed 'Position Offset'.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B) Secondary Feedback: 0x3305 (Ch A)/ 0x3705 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 13.8.2 32E5:02 Position offset

The position offset stored in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B) Secondary Feedback: 0x3305 (Ch A)/ 0x3705 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 13.9 32E6:x [SL] EnDat 22: User data (rotary)

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B) Secondary Feedback: 0x3306 (Ch A)/ 0x3706 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.9.1 32E6:01 Data state

Data state of the displayed 'User Data'.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B) Secondary Feedback: 0x3306 (Ch A)/ 0x3706 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 13.9.2 32E6:02 User data

The user data string stored in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B) Secondary Feedback: 0x3306 (Ch A)/ 0x3706 (Ch B)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 13.10 32E7:x [SL] EnDat 22: Commutation offset data (rotary)

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B) Secondary Feedback: 0x3307 (Ch A)/ 0x3707 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.10.1 32E7:01 Data state

Data state of the displayed 'Commutation Offset'.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B) Secondary Feedback: 0x3307 (Ch A)/ 0x3707 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 13.10.2 32E7:02 Commutation offset

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B) Secondary Feedback: 0x3307 (Ch A)/ 0x3707 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,01 °
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 13.11 32E8:x [SL] EnDat 22: Direct encoder access (rotary)

This object provides access to the EnDat protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B) Secondary Feedback: 0x3308 (Ch A)/ 0x3708 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.11.1 32E8:01 Command

This object provides access to the EnDat protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B) Secondary Feedback: 0x3308 (Ch A)/ 0x3708 (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 13.11.2 32E8:02 Status

This object provides access to the EnDat protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B) Secondary Feedback: 0x3308 (Ch A)/ 0x3708 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent



Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 13.11.3 32E8:03 Response

This object provides access to the EnDat protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B) Secondary Feedback: 0x3308 (Ch A)/ 0x3708 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 13.12 32EA:x [SL] EnDat 22: Save user data (rotary)

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B) Secondary Feedback: 0x330A (Ch A)/ 0x370A (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.12.1 32EA:01 Command

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B) Secondary Feedback: 0x330A (Ch A)/ 0x370A (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 13.12.2 32EA:02 Status

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B) Secondary Feedback: 0x330A (Ch A)/ 0x370A (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 13.12.3 32EA:03 Response

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B) Secondary Feedback: 0x330A (Ch A)/ 0x370A (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 13.13 32EB:x [SL] EnDat 22: Save commutation offset (rotary)

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B) Secondary Feedback: 0x330B (Ch A)/ 0x370B (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.13.1 32EB:01 Command

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B) Secondary Feedback: 0x330B (Ch A)/ 0x370B (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 13.13.2 32EB:02 Status

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B) Secondary Feedback: 0x330B (Ch A)/ 0x370B (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent



Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 13.13.3 32EB:03 Response

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B) Secondary Feedback: 0x330B (Ch A)/ 0x370B (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 13.14 32EC:x [SL] EnDat 22: Scan connected encoder (rotary)

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B) Secondary Feedback: 0x330C (Ch A)/ 0x370C (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.14.1 32EC:01 Command

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B) Secondary Feedback: 0x330C (Ch A)/ 0x370C (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 13.14.2 32EC:02 Status

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B) Secondary Feedback: 0x330C (Ch A)/ 0x370C (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 13.14.3 32EC:03 Response

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B) Secondary Feedback: 0x330C (Ch A)/ 0x370C (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 13.15 32EF:x [SL] EnDat 22: Encoder parameter (rotary)

EnDat2.2 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	11 (0x0B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.15.1 32EF:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorFront_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ConnectorFront_D_Sub_Right
1 (0x01)	ConnectorFront_D_Sub_Left
0 (0x00)	ConnectorFront_CorrespondingToDriveChannel

### 13.15.2 32EF:02 Power supply

Necessary power supply for the encoder.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2 (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DC_11V_pin_6_2
1 (0x01)	DC_05V_with_sense_line_pin_4_2_sense_pin_12_10
0 (0x00)	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2

### 13.15.3 32EF:03 Measuring steps per revolution policy

EnDat2.2 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x03
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

### 13.15.4 32EF:04 Measuring steps per revolution

EnDat2.2 encoder parameter.



Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 13.15.5 32EF:05 Number of distinguishable revolutions policy

EnDat2.2 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x05
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

### 13.15.6 32EF:06 Number of distinguishable revolutions

EnDat2.2 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x06
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 13.15.7 32EF:07 Oversampling

EnDat2.2 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x07
Datatype	ENUM (UINT32)
Min. Value	
Default	FbOversampling_No (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	FbOversampling_x4
0 (0x00)	FbOversampling_No

### 13.15.8 32EF:08 Trace level

EnDat2.2 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x08
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

### 13.15.9 32EF:09 Settings

Bit 0..2 are used to disable individual encoder parameter checks! (0: Force max calc time to 10us, 1: Ignore incompatible ordering designation, 2: Ignore max clock frequency)

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 13.15.10 32EF:0A Position sample point timing

EnDat2.2 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0A
Datatype	ENUM (UINT32)
Min. Value	
Default	PositionSamplePointTiming_Default (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	PositionSamplePointTiming_ForceToDcSync
0 (0x00)	PositionSamplePointTiming_Default

### 13.15.11 32EF:0B Diagnostics configuration

Selection of the displayed and transferred valuation and mounting data. See EnDat 2.2, word 5 and Operating Parameters word 3 for details. '0x8000000' disables any encoder online diagnostics.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 13.16 32F0:x [SL] EnDat 22: Cogging compensation data (rotary)

This object contains the content and the state of the cogging compensation data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B) Secondary Feedback: 0x3310 (Ch A)/ 0x3710 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 13.16.1 32F0:01 Data state

Data state of the displayed compensation data.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B) Secondary Feedback: 0x3310 (Ch A)/ 0x3710 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 13.16.2 32F0:02 Compensation data

The binary data of the electronic data sheet.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B) Secondary Feedback: 0x3310 (Ch A)/ 0x3710 (Ch B)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 14 Objects of module EnDat 22 linear

### 14.1 1A00:x [SL] EnDat 22 linear Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 14.2 1AE0:x [SL] EnDat 22 linear Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 14.3 32E0:x [SL] EnDat 22: Actual values (linear)

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



### 14.3.3 32E0:03 rsvd1

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.4 32E0:04 Status

Status register of the EnDat motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.5 32E0:05 rsvd2

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	$x * (360/4294967296)^\circ$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.8 32E0:08 Valuation data raw

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.9 32E0:09 Valuation addr 1

Evaluation of the incremental or scanning track. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.10 32E0:0A Valuation addr 2

Free for future applications. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.11 32E0:0B Valuation addr 3

Evaluation of the absolute track / (reference-pulse width). Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.12 32E0:0C Valuation addr 4

Evaluation of the position-value formation / (reference-pulse position). Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.13 32E0:0D Valuation addr 5

Reserved for touch probes. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.14 32E0:0E Valuation addr 6

Reserved for touch probes. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.15 32E0:0F Valuation addr 7

Reserved for future applications. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.16 32E0:10 Valuation addr 8

Reserved for future applications. Scaling: 0..29: Function reserve '0', 30..230: Function reserve '0..100', 231..254: Function reserve '100'

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.17 32E0:11 Mounting parameter 8

E.g. mounting clearance in  $10^{-6}$  m (-32767  $10^{-6}$  m to +32767  $10^{-6}$  m)

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.18 32E0:12 Mounting parameter 9

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x12
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.19 32E0:13 Mounting parameter 10

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x13
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.3.20 32E0:14 Mounting parameter 11

Actual values of the EnDat2.2 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x14
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 14.4 32E1:x [SL] EnDat 22: Encoder info (linear)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	124 (0x7C)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.1 32E1:01 Interface

Version and feature info of the EnDat2.2 master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.2 32E1:02 IpCore Ident

Internal identification of the EnDat2.2 master IP core.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.3 32E1:03 Mask 0 [2.1: Word 4]

EnDat encoder manufacturer parameter 'Mask 0' (EnDat 2.1: Word 4)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.4 32E1:04 Mask 1 [2.1: Word 5]

EnDat encoder manufacturer parameter 'Mask 1' (EnDat 2.1: Word 5)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.5 32E1:05 Mask 2 [2.1: Word 6]

EnDat encoder manufacturer parameter 'Mask 2' (EnDat 2.1: Word 6)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 14.4.6 32E1:06 Mask 3 [2.1: Word 7]

EnDat encoder manufacturer parameter 'Mask 3' (EnDat 2.1: Word 7)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.7 32E1:07 Version of the EnDat interface [2.1: Word 8]

EnDat encoder manufacturer parameter 'Version' (EnDat 2.1: Word 8)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.8 32E1:08 Memory allocation for parameters of the OEM [2.1: Word 9,10]

EnDat encoder manufacturer parameter 'Memory allocation for EnDat 2.1' (EnDat 2.1: Word 9, 10)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.9 32E1:09 Memory allocation for compensation values [2.1: Word 11,12]

EnDat encoder manufacturer parameter 'Memory allocation for EnDat 2.1' (EnDat 2.1: Word 11)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.10 32E1:0A Number of clocks for position value [2.1: Word 13]

EnDat encoder manufacturer parameter 'Number of clock pulses for transfer of position value' (EnDat 2.1: Word 13)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.11 32E1:0B Encoder type [2.1: Word 14]

EnDat encoder manufacturer parameter 'Encoder model' (EnDat 2.1: Word 14)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.12 32E1:0C Signal period length [2.1: Word 15,16]

EnDat encoder manufacturer parameter 'Signal period length for incremental output signals' (Words 15, 16)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	nm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.13 32E1:0D EnDat parameter word 17 rotary only [2.1: Word 17]

EnDat encoder manufacturer parameter 'Distinguishable revolutions' (EnDat 2.1: Word 17)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x0D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.14 32E1:0E Increment of reference marks [2.1: Word 18]

EnDat encoder manufacturer parameter 'Increment of reference marks' (EnDat 2.1: Word 18)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	mm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.15 32E1:0F Position of the first reference mark [2.1: Word 19]**

EnDat encoder manufacturer parameter 'Position of the first reference mark' (EnDat 2.1: Word 19)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	mm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.16 32E1:10 Measuring step length [2.1: Word 20,21]**

EnDat encoder manufacturer parameter 'Measuring step length' (Words 20, 21)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	nm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.17 32E1:11 Datum shift [2.1: Word 22,23]**

EnDat encoder manufacturer parameter 'Datum shift from the encoder manufacturer' (Words 22, 23)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x11
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.18 32E1:12 ID number 0 [2.1: Word 24]**

EnDat encoder manufacturer parameter 'ID number' (EnDat 2.1: Word 24)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.19 32E1:13 ID number 1 [2.1: Word 25]**

EnDat encoder manufacturer parameter 'ID number' (EnDat 2.1: Word 25)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.20 32E1:14 ID number 2 [2.1: Word 26]**

EnDat encoder manufacturer parameter 'ID number' (EnDat 2.1: Word 26)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.21 32E1:15 Serial number 0 [2.1: Word 27]**

EnDat encoder manufacturer parameter 'Serial number' (EnDat 2.1: Word 27)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.22 32E1:16 Serial number 1 [2.1: Word 28]**

EnDat encoder manufacturer parameter 'Serial number' (EnDat 2.1: Word 28)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.23 32E1:17 Serial number 2 [2.1: Word 29]**

EnDat encoder manufacturer parameter 'Serial number' (EnDat 2.1: Word 29)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.24 32E1:18 Direction of traverse [2.1: Word 30]**

EnDat encoder manufacturer parameter 'Direction of traverse' (EnDat 2.1: Word 30)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.25 32E1:19 Status of commissioning diagnostics [2.1: Word 31]**

EnDat encoder manufacturer parameter 'Status of commissioning diagnostics' (EnDat 2.1: Word 31)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.26 32E1:1A Maximum mechanically permissible linear velocity [2.1: Word 32]**

EnDat encoder manufacturer parameter 'Maximum mechanically permissible linear velocity' (EnDat 2.1: Word 32)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	m/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.27 32E1:1B Accuracy depending on linear velocity range 1 [2.1: Word 33]

EnDat encoder manufacturer parameter 'Accuracy depending on linear velocity, area 1' (EnDat 2.1: Word 33)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.28 32E1:1C Accuracy depending on linear velocity range 2 [2.1: Word 34]

EnDat encoder manufacturer parameter 'Accuracy depending on linear velocity, area 2' (EnDat 2.1: Word 34)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.29 32E1:1D Support of error messages 1 [2.1: Word 35]

EnDat encoder manufacturer parameter 'Support of error messages 1' (EnDat 2.1: Word 35)



Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.30 32E1:1E Support of warnings [2.1: Word 36]

EnDat encoder manufacturer parameter 'Support of warnings' (EnDat 2.1: Word 36)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x1E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.31 32E1:1F EnDat command set [2.1: Word 37]

EnDat encoder manufacturer parameter 'EnDat command set' (EnDat 2.1: Word 37)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x1F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.32 32E1:20 Measuring length [2.1: Word 38]

EnDat encoder manufacturer parameter 'Measuring length' (EnDat 2.1: Word 38)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.33 32E1:21 Max calc time for position value [2.1: Word 39]

EnDat encoder manufacturer parameter 'Max. calculation time for position value' (EnDat 2.1: Word 39)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x21
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.34 32E1:22 EnDat ordering designation [2.1: Word 40]

EnDat encoder manufacturer parameter 'EnDat ordering designation' (EnDat 2.1: Word 40)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x22
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.35 32E1:23 OEM specific data 0 [2.1: Word 41]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 41)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.36 32E1:24 OEM specific data 1 [2.1: Word 42]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 42)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x24
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.37 32E1:25 OEM specific data 2 [2.1: Word 43]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 43)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x25
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.38 32E1:26 OEM specific data 3 [2.1: Word 44]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 44)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x26
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.39 32E1:27 OEM specific data 4 [2.1: Word 45]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 45)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.40 32E1:28 OEM specific data 5 [2.1: Word 46]

EnDat encoder manufacturer parameter 'OEM-specific data' (EnDat 2.1: Word 46)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.41 32E1:29 Checksum [2.1: Word 47]

EnDat encoder manufacturer parameter 'Checksum' (EnDat 2.1: Word 47)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.42 32E1:2A Status of additional datum 1 [2.2: Word 0]

EnDat 2.2 encoder manufacturer parameter 'Status of additional datum 1' (EnDat2.2: Word 0)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.43 32E1:2B Status of additional datum 2 [2.2: Word 1]

EnDat 2.2 encoder manufacturer parameter 'Status of additional datum 2' (EnDat2.2: Word 1)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.44 32E1:2C Status of additional functions [2.2: Word 2]

EnDat 2.2 encoder manufacturer parameter 'Status of additional functions' (EnDat2.2: Word 2)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.45 32E1:2D Acceleration [2.2: Word 3]

EnDat 2.2 encoder manufacturer parameter 'Acceleration' (EnDat2.2: Word 3)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	m/s <sup>2</sup>
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.46 32E1:2E Scaling function for temperature [2.2: Word 4]

EnDat 2.2 encoder manufacturer parameter 'Scaling function for temperature' (EnDat2.2: Word 4)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.47 32E1:2F Diagnostic status [2.2: Word 5]

EnDat 2.2 encoder manufacturer parameter 'Diagnostic status' (EnDat2.2: Word 5)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.48 32E1:30 Support of error message 2 [2.2: Word 6]

EnDat 2.2 encoder manufacturer parameter 'Support of error message 2' (EnDat2.2: Word 6)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.49 32E1:31 Forced sampling status [2.2: Word 7,8]

EnDat 2.2 encoder manufacturer parameter 'Forced sampling status' (Words 7, 8)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x31
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.50 32E1:32 Measuring step for position value 2 [2.2: Word 9,10]

EnDat 2.2 encoder manufacturer parameter 'Measuring step for position value 2' (Words 9, 10)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x32
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	nm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.51 32E1:33 Accuracy of position value 2 range 1 [2.2: Word 11,12]

EnDat 2.2 encoder manufacturer parameter 'Accuracy of position value 2 depending on linear velocity, area 1' (Words 11, 12)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x33
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.52 32E1:34 Accuracy of position value 2 range 2 [2.2: Word 13,14]

EnDat 2.2 encoder manufacturer parameter 'Accuracy of position value 2 depending on linear velocity, area 2' (Words 13, 14)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x34
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**14.4.53 32E1:35 EnDat 22 parameter word 15 rotary only [2.2: Word 15]**

EnDat 2.2 encoder manufacturer parameter 'Number of distinguishable revolutions for position value 2' (EnDat2.2: Word 15)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.54 32E1:36 Direction of traverse of position value 2 [2.2: Word 16]**

EnDat 2.2 encoder manufacturer parameter 'Direction of rotation or traverse of position value 2' (EnDat2.2: Word 16)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x36
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.55 32E1:37 Encoder identification 0 [2.2: Word 17]**

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 17)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x37
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.56 32E1:38 Encoder identification 1 [2.2: Word 18]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 18)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x38
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.57 32E1:39 Encoder identification 2 [2.2: Word 19]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 19)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x39
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.58 32E1:3A Encoder identification 3 [2.2: Word 20]

EnDat 2.2 encoder manufacturer parameter 'Encoder identification' (EnDat2.2: Word 20)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x3A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.59 32E1:3B Support of instructions [2.2: Word 21]

EnDat 2.2 encoder manufacturer parameter 'Support of instructions' (EnDat2.2: Word 21)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.60 32E1:3C Max permissible encoder temperature [2.2: Word 22]

EnDat 2.2 encoder manufacturer parameter 'Max. permissible encoder temperature at measuring' (EnDat2.2: Word 22)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x3C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.61 32E1:3D Max permissible acceleration [2.2: Word 23]

EnDat 2.2 encoder manufacturer parameter 'Max. permissible acceleration' (EnDat2.2: Word 23)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x3D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	m/s <sup>2</sup>
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.62 32E1:3E Number of blocks for memory area section 2 [2.2: Word 24]

EnDat 2.2 encoder manufacturer parameter 'Number of blocks for memory area,' (EnDat2.2: Word 24)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x3E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.63 32E1:3F Max clock frequency [2.2: Word 25]

EnDat 2.2 encoder manufacturer parameter 'Maximum clock frequency' (EnDat2.2: Word 25)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x3F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	kHz
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.64 32E1:40 Number of bits for position comparison [2.2: Word 26]**

EnDat 2.2 encoder manufacturer parameter 'Number of bits for position comparison' (EnDat2.2: Word 26)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x40
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.65 32E1:41 Scaling factor for resolution [2.2: Word 27]**

EnDat 2.2 encoder manufacturer parameter 'Scaling factor for resolution' (EnDat2.2: Word 27)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.66 32E1:42 Measuring step EnDat22 [2.2: Word 28,29]**

EnDat 2.2 encoder manufacturer parameter 'Measuring step' (Words 28, 29)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x42
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.67 32E1:43 Max speed for constant code value [2.2: Word 30]**

EnDat 2.2 encoder manufacturer parameter 'Max. speed for constant code value' (EnDat2.2: Word 30)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x43
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	m/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.68 32E1:44 Offset between pos value and pos value 2 0 [2.2: Word 31]**

EnDat 2.2 encoder manufacturer parameter 'Offset between position value and position value 2' (EnDat2.2: Word 31)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x44
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.69 32E1:45 Offset between pos value and pos value 2 1 [2.2: Word 32]**

EnDat 2.2 encoder manufacturer parameter 'Offset between position value and position value 2' (EnDat2.2: Word 32)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x45
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.70 32E1:46 Offset between pos value and pos value 2 2 [2.2: Word 33]**

EnDat 2.2 encoder manufacturer parameter 'Offset between position value and position value 2' (EnDat2.2: Word 33)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x46
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.71 32E1:47 EnDat parameter word 34 rotary only [2.2: Word 34]**

EnDat 2.2 encoder manufacturer parameter "'Number of distinguishable revolutions" with scaling factor' (EnDat2.2: Word 34)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.72 32E1:48 Support of operating status error sources [2.2: Word 35]**

EnDat 2.2 encoder manufacturer parameter 'Support of operating status error sources' (EnDat2.2: Word 35)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x48
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.73 32E1:49 Safety relevant measuring steps 0 [2.2: Word 36]**

EnDat 2.2 encoder manufacturer parameter 'Safety-relevant measuring steps' (EnDat2.2: Word 36)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x49
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.74 32E1:4A Safety relevant measuring steps 1 [2.2: Word 37]**

EnDat 2.2 encoder manufacturer parameter 'Safety-relevant measuring steps' (EnDat2.2: Word 37)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x4A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**14.4.75 32E1:4B Safety relevant measuring steps 2 [2.2: Word 38]**

EnDat 2.2 encoder manufacturer parameter 'Safety-relevant measuring steps' (EnDat2.2: Word 38)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x4B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.76 32E1:4C Non safety relevant subdivision of the relative position 0 [2.2: Word 39]**

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the relative position' (EnDat2.2: Word 39)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x4C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.77 32E1:4D Non safety relevant subdivision of the relative position 1 [2.2: Word 40]**

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the relative position' (EnDat2.2: Word 40)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.78 32E1:4E Non safety relevant subdivision of the absolute position 0 [2.2: Word 41]

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the absolute position' (EnDat2.2: Word 41)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x4E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 14.4.79 32E1:4F Non safety relevant subdivision of the absolute position 1 [2.2: Word 42]

EnDat 2.2 encoder manufacturer parameter 'Non-safety-relevant subdivision of the absolute position' (EnDat2.2: Word 42)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x4F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.80 32E1:50 Generation of a warning message through limit position signals [2.2: Word 43]

EnDat 2.2 encoder manufacturer parameter 'Generation of a warning message through limit position signals' (EnDat2.2: Word 43)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x50
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.81 32E1:51 Support of touch probe statuses [2.2: Word 44]

EnDat 2.2 encoder manufacturer parameter 'Support of touch probe statuses' (EnDat2.2: Word 44)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x51
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.82 32E1:52 Timestamp unit of measure [2.2: Word 45]

EnDat 2.2 encoder manufacturer parameter 'Timestamp unit of measure' (EnDat2.2: Word 45)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x52
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.83 32E1:53 Referencing of incremental encoders [2.2: Word 46]**

EnDat 2.2 encoder manufacturer parameter 'Referencing of incremental encoders' (EnDat2.2: Word 46)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.84 32E1:54 Support of I/Os [2.2: Word 47]**

EnDat 2.2 encoder manufacturer parameter 'Support of I/Os' (EnDat2.2: Word 47)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x54
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.85 32E1:55 Assigned [2.2: Word 48]**

EnDat 2.2 encoder manufacturer parameter 'Assigned' (EnDat2.2: Word 48)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x55
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.86 32E1:56 EnDat2.2 rsvd 0 [2.2: Word 49]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 49)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x56
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.87 32E1:57 EnDat2.2 rsvd 1 [2.2: Word 50]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 50)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x57
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.88 32E1:58 EnDat2.2 rsvd 2 [2.2: Word 51]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 51)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x58
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.89 32E1:59 EnDat2.2 rsvd 3 [2.2: Word 52]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 52)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.90 32E1:5A EnDat2.2 rsvd 4 [2.2: Word 53]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 53)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x5A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.91 32E1:5B EnDat2.2 rsvd 5 [2.2: Word 54]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 54)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x5B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.92 32E1:5C EnDat2.2 rsvd 6 [2.2: Word 55]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 55)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x5C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.93 32E1:5D EnDat2.2 rsvd 7 [2.2: Word 56]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 56)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x5D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.94 32E1:5E EnDat2.2 rsvd 8 [2.2: Word 57]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 57)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x5E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.95 32E1:5F EnDat2.2 rsvd 9 [2.2: Word 58]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 58)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.96 32E1:60 EnDat2.2 rsvd 10 [2.2: Word 59]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 59)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x60
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.97 32E1:61 EnDat2.2 rsvd 11 [2.2: Word 60]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 61)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x61
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



**14.4.98 32E1:62 EnDat2.2 rsvd 12 [2.2: Word 61]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 61)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x62
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.99 32E1:63 EnDat2.2 rsvd 13 [2.2: Word 62]**

EnDat 2.2 encoder manufacturer parameter '...' (EnDat2.2: Word 62)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x63
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.100 32E1:64 Checksum EnDat2.2 [2.2: Word 63]**

EnDat 2.2 encoder manufacturer parameter 'Checksum' (EnDat2.2: Word 63)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x64
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.101 32E1:65 Operating status word 0 (errors) after power up

Operating status 'Error messages' (OpStatus: Word 0)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x65
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.102 32E1:66 Operating status word 1 (warnings) after power up

Operating status 'Warning' (OpStatus: Word 1)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x66
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.103 32E1:67 Operating status word 2 (Write-Protected Status) after power up

Operating status 'Warning' (OpStatus: Word 1)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x67
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.104 32E1:68 Operating status word 3 (Function init) after power up

Operating status 'Warning' (OpStatus: Word 1)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x68
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.105 32E1:69 Operating status error sources after power up (EnDat 2.2)

'Operating status error sources' after power up (EnDat 2.2 additional data)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x69
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.106 32E1:6A rsvd

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x6A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.107 32E1:6B Datum shift 0 [Operating Parameter: Word 0]**

Operating parameters 'Datum shift 0' (OpPara: Word 0)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x6B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.108 32E1:6C Datum shift 1 [Operating Parameter: Word 1]**

Operating parameters 'Datum shift 1' (OpPara: Word 1)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x6C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.109 32E1:6D Datum shift 2 [Operating Parameter: Word 2]**

Operating parameters 'Datum shift 2' (OpPara: Word 2)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x6D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.110 32E1:6E Diagnostics configuration [Operating Parameter: Word 3]

Operating parameters 'Diagnostics configuration' (OpPara: Word 3)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x6E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.111 32E1:6F Address assignment [Operating Parameter: Word 4]

Operating parameters 'Address assignment' (OpPara: Word 4)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x6F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.112 32E1:70 Instruction [Operating Parameter: Word 5]

Operating parameters 'Instruction' (OpPara: Word 5)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x70
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.113 32E1:71 Temperature warning threshold [Operating Parameter: Word 6]

Operating parameters 'Trigger threshold of the warning bit for excessive temperature' (OpPara: Word 6)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x71
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.114 32E1:72 Cycle time 0 [Operating Parameter: Word 7]

Operating parameters 'Cycle time 0' (OpPara: Word 7)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x72
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.115 32E1:73 Cycle time 1 [Operating Parameter: Word 8]

Operating parameters 'Cycle time 1' (OpPara: Word 8)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x73
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.116 32E1:74 OpPara rsvd 9 [Operating Parameter: Word 9]**

reserved (OpPara: Word 9)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x74
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.117 32E1:75 OpPara rsvd 10 [Operating Parameter: Word 10]**

reserved (OpPara: Word 10)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x75
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.118 32E1:76 OpPara rsvd 11 [Operating Parameter: Word 11]**

reserved (OpPara: Word 11)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x76
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.119 32E1:77 OpPara rsvd 12 [Operating Parameter: Word 12]**

reserved (OpPara: Word 12)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x77
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.120 32E1:78 OpPara rsvd 13 [Operating Parameter: Word 13]**

reserved (OpPara: Word 13)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x78
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.4.121 32E1:79 OpPara rsvd 14 [Operating Parameter: Word 14]**

reserved (OpPara: Word 14)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x79
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 14.4.122 32E1:7A OpPara rsvd 15 [Operating Parameter: Word 15]

reserved (OpPara: Word 15)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x7A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.123 32E1:7B Total calculation and transfer time

The time span between the position sample point and the end of the data transfer to the drive.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x7B
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.4.124 32E1:7C Position sample point shift relative to the sync signal

Time difference between the DC Sync1 and the position sample time. (If T is less than zero the position is sampled before the Sync1 occurs!)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x7C
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 14.5 32E2:x [SL] EnDat 22: Encoder status (linear)

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	27 (0x1B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.1 32E2:01 Add1 Position value 2 status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 14.5.2 32E2:02 Add1 Position value 2

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x02
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.3 32E2:03 Add1 Test values status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 14.5.4 32E2:04 Add1 Test values

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.5.5 32E2:05 Add1 Temperature sensor internal status**

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x05
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

**14.5.6 32E2:06 Add1 Temperature sensor internal**

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**14.5.7 32E2:07 Add1 Temperature sensor external status**

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x07
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 14.5.8 32E2:08 Add1 Temperature sensor external

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.9 32E2:09 Add1 Additional sensors status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x09
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 14.5.10 32E2:0A Add1 Additional sensors

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.11 32E2:0B Add2 Commutation status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x0B
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 14.5.12 32E2:0C Add2 Commutation

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.13 32E2:0D Add2 Acceleration status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x0D
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 14.5.14 32E2:0E Add2 Acceleration

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.15 32E2:0F Add2 Limit position signals status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x0F
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 14.5.16 32E2:10 Add2 Limit position signals

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x10
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.17 32E2:11 Add2 Asynchronous position value status

Detailed encoder status information.



Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x11
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 14.5.18 32E2:12 Add2 Asynchronous position value

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x12
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.19 32E2:13 Add2 Operating status error sources status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x13
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 14.5.20 32E2:14 Add2 Operating status error sources

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.21 32E2:15 Add2 Position value 2 status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x15
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 14.5.22 32E2:16 Add2 Position value 2

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x16
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.23 32E2:17 Add2 Timestamp status

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x17
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	IsSupportedButReadBySafety
2 (0x02)	IsSupportedAndUpdated
1 (0x01)	IsSupportedButNotUpdated
0 (0x00)	IsNotSupported

### 14.5.24 32E2:18 Add2 Timestamp

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.25 32E2:19 Encoder status update counter

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.26 32E2:1A Parameter access error counter

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.5.27 32E2:1B Ring buffer cycle count

Detailed encoder status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 14.6 32E3:x [SL] Temperature sensors

Temperature sensor values.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.6.1 32E3:01 EnDat22 encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 14.6.2 32E3:02 EnDat22 encoder connected sensor resistance

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 14.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 14.6.5 32E3:02 EnDat22 encoder connected sensor temperature

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 14.7 32E4:x [SL] EnDat 22: Electronic data sheet (linear)

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B) Secondary Feedback: 0x3304 (Ch A)/ 0x3704 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.7.1 32E4:01 Data state

Data state of the displayed 'Electronic Data Sheet' data.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B) Secondary Feedback: 0x3304 (Ch A)/ 0x3704 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

## 14.7.2 32E4:02 Electronic data sheet

The binary data of the electronic data sheet.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B) Secondary Feedback: 0x3304 (Ch A)/ 0x3704 (Ch B)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



## 14.8 32E5:x [SL] EnDat 22: Position offset data (linear)

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B) Secondary Feedback: 0x3305 (Ch A)/ 0x3705 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.8.1 32E5:01 Data state

Data state of the displayed 'Position Offset'.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B) Secondary Feedback: 0x3305 (Ch A)/ 0x3705 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 14.8.2 32E5:02 Position offset

The position offset stored in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B) Secondary Feedback: 0x3305 (Ch A)/ 0x3705 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 14.9 32E6:x [SL] EnDat 22: User data (linear)

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B) Secondary Feedback: 0x3306 (Ch A)/ 0x3706 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.9.1 32E6:01 Data state

Data state of the displayed 'User Data'.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B) Secondary Feedback: 0x3306 (Ch A)/ 0x3706 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 14.9.2 32E6:02 User data

The user data string stored in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B) Secondary Feedback: 0x3306 (Ch A)/ 0x3706 (Ch B)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 14.10 32E7:x [SL] EnDat 22: Commutation offset data (linear)

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B) Secondary Feedback: 0x3307 (Ch A)/ 0x3707 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.10.1 32E7:01 Data state

Data state of the displayed 'Commutation Offset'.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B) Secondary Feedback: 0x3307 (Ch A)/ 0x3707 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 14.10.2 32E7:02 Commutation offset

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B) Secondary Feedback: 0x3307 (Ch A)/ 0x3707 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,01 °
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 14.11 32E8:x [SL] EnDat 22: Direct encoder access (linear)

This object provides access to the EnDat protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B) Secondary Feedback: 0x3308 (Ch A)/ 0x3708 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.11.1 32E8:01 Command

This object provides access to the EnDat protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B) Secondary Feedback: 0x3308 (Ch A)/ 0x3708 (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 14.11.2 32E8:02 Status

This object provides access to the EnDat protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B) Secondary Feedback: 0x3308 (Ch A)/ 0x3708 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent



Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 14.11.3 32E8:03 Response

This object provides access to the EnDat protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B) Secondary Feedback: 0x3308 (Ch A)/ 0x3708 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 14.12 32EA:x [SL] EnDat 22: Save user data (linear)

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B) Secondary Feedback: 0x330A (Ch A)/ 0x370A (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.12.1 32EA:01 Command

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B) Secondary Feedback: 0x330A (Ch A)/ 0x370A (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 14.12.2 32EA:02 Status

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B) Secondary Feedback: 0x330A (Ch A)/ 0x370A (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 14.12.3 32EA:03 Response

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B) Secondary Feedback: 0x330A (Ch A)/ 0x370A (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 14.13 32EB:x [SL] EnDat 22: Save commutation offset (linear)

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B) Secondary Feedback: 0x330B (Ch A)/ 0x370B (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.13.1 32EB:01 Command

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B) Secondary Feedback: 0x330B (Ch A)/ 0x370B (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 14.13.2 32EB:02 Status

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B) Secondary Feedback: 0x330B (Ch A)/ 0x370B (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent



Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 14.13.3 32EB:03 Response

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B) Secondary Feedback: 0x330B (Ch A)/ 0x370B (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 14.14 32EC:x [SL] EnDat 22: Scan connected encoder (linear)

CoE command to check if a linear Endat2.2 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B) Secondary Feedback: 0x330C (Ch A)/ 0x370C (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.14.1 32EC:01 Command

CoE command to check if a linear Endat2.2 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B) Secondary Feedback: 0x330C (Ch A)/ 0x370C (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 14.14.2 32EC:02 Status

CoE command to check if a linear Endat2.2 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B) Secondary Feedback: 0x330C (Ch A)/ 0x370C (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 14.14.3 32EC:03 Response

CoE command to check if a linear Endat2.2 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B) Secondary Feedback: 0x330C (Ch A)/ 0x370C (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 14.15 32EF:x [SL] EnDat 22: Encoder parameter (linear)

EnDat22 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	12 (0x0C)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 14.15.1 32EF:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorFront_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ConnectorFront_D_Sub_Right
1 (0x01)	ConnectorFront_D_Sub_Left
0 (0x00)	ConnectorFront_CorrespondingToDriveChannel

### 14.15.2 32EF:02 Power supply

Necessary power supply for the encoder.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2 (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DC_11V_pin_6_2
1 (0x01)	DC_05V_with_sense_line_pin_4_2_sense_pin_12_10
0 (0x00)	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2

### 14.15.3 32EF:03 Measuring step length policy

EnDat22 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x03
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

### 14.15.4 32EF:04 Measuring step length

EnDat22 encoder parameter.



Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	pm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 14.15.5 32EF:05 Measuring step length divisor

For future support of distance coded feedback systems. Set to 0 if not used!

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x05
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 14.15.6 32EF:06 Measuring length policy

EnDat22 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x06
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

### 14.15.7 32EF:07 Measuring length

EnDat22 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x07
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	pm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 14.15.8 32EF:08 Oversampling

EnDat22 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x08
Datatype	ENUM (UINT32)
Min. Value	
Default	FbOversampling_No (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	FbOversampling_x4
0 (0x00)	FbOversampling_No

### 14.15.9 32EF:09 Trace level

EnDat22 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x09
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

### 14.15.10 32EF:0A Settings

Bit 0..2 are used to disable individual encoder parameter checks! (0: Force max calc time to 10us, 1: Ignore incompatible ordering designation, 2: Ignore max clock frequency)

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 14.15.11 32EF:0B Position sample point timing

EnDat22 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0B
Datatype	ENUM (UINT32)
Min. Value	
Default	PositionSamplePointTiming_Default (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	PositionSamplePointTiming_ForceToDcSync
0 (0x00)	PositionSamplePointTiming_Default

### 14.15.12 32EF:0C Diagnostics configuration

Selection of the displayed and transferred valuation and mounting data. See EnDat 2.2, word 5 and Operating Parameters word 3 for details. '0x8000000' disables any encoder online diagnostics.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0C
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 15 Objects of module BiSS-C rotary

### 15.1 1A00:x [SL] BiSS-C rotary Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 15.2 1AE0:x [SL] BiSS-C rotary Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 15.3 32E0:x [SL] BiSS-C: Actual values (rotary)

Actual values of the BiSSc feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 15.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 15.3.3 32E0:03 rsvd1

Actual values of the BiSSc feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 15.3.4 32E0:04 Status

Status register of the BiSSc motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 15.3.5 32E0:05 rsvd2

Actual values of the BiSSc feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



### 15.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 15.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	$x * (360/4294967296)^\circ$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 15.3.8 32E0:08 Raw slave line data

Raw data on the BiSS-C slave line: If (Bit 0..55 == 0) Bit 0..55: 0 Bit 56: rsvd Bit 57: rsvd Bit 58: rsvd Bit 59: rsvd Bit 60: If 1: ZERO phase was never left, protocol failure? Bit 61: If 1: ACK phase was never left Bit 62: If 1: Slave seems to be inactive/not (yet?) answering Bit 63: If 1: Core seems to be disabled If (Bit 0..55 != 0) Bit 0..55: Raw slave line data Bit 56..63: Time until ACK is received in BiSS-C line clocks

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x08
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 15.4 32E1:x [SL] BiSS-C: Encoder info (rotary)

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.4.1 32E1:01 Interface

Version and feature info of the BiSSc master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.4.2 32E1:02 IpCore Ident

Internal identification of the BiSSc master IP core.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.4.3 32E1:03 Clock frequency

Clock frequency of configured encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	kHz
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.4.4 32E1:04 rsvd

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.4.5 32E1:05 Error and warning configuration

Octet-String consisting of different masks and values depending on error and warning configuration.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.4.6 32E1:06 Total calculation and transfer time

The time span between the position sample point and the end of the data transfer to the drive.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.4.7 32E1:07 Position sample point shift relative to the sync signal

Time difference between the DC Sync1 and the position sample time. (If T is less than zero the position is sampled before the Sync1 occurs!)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 15.5 32E2:x [SL] BiSS-C: Encoder status (rotary)

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.5.1 32E2:01 Cycle Counter

Cycle counter for monitoring the number of successful accesses to the encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.5.2 32E2:02 Error Counter

Error counter for monitoring the number of failed accesses to the encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.5.3 32E2:03 Measured calculation time

Max position calculation time of encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	0,1 $\mu$ s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 15.5.4 32E2:04 Raw slave line data AND

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.5.5 32E2:05 Raw slave line data OR

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 15.5.6 32E2:06 Raw slave line data decoding

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x06
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 15.6 32E3:x [SL] Temperature sensors

This object contains the temperature sensor values.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.6.1 32E3:01 BiSSc encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 15.6.2 32E3:02 BiSSc encoder connected sensor resistance

This object contains the resistance of the encoder connected temperature sensor value.



Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 15.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 15.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 15.7 32EF:x [SL] BiSS-C: Encoder parameter (rotary)

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 15.7.1 32EF:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorFront_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ConnectorFront_D_Sub_Right
1 (0x01)	ConnectorFront_D_Sub_Left
0 (0x00)	ConnectorFront_CorrespondingToDriveChannel

### 15.7.2 32EF:02 Power supply

Necessary power supply for the encoder.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2 (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DC_11V_pin_6_2
1 (0x01)	DC_05V_with_sense_line_pin_4_2_sense_pin_12_10
0 (0x00)	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2

### 15.7.3 32EF:03 Measuring steps per revolution

Available singleturn information (without fill bits).

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 15.7.4 32EF:04 Number of distinguishable revolutions

Available multiturn information (without fill bits).

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 15.7.5 32EF:05 Data layout

Defines the data layout in the BiSS frame.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x05
Datatype	ENUM (UINT8)
Min. Value	
Default	FillLeft_MultiPos_SinglePos_FillRight_NotError_NotWarning_Crc (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00)	FillLeft_MultiPos_SinglePos_FillRight_NotError_NotWarning_Crc

### 15.7.6 32EF:06 Fill bit count left

Additional fill bits in the BiSS-C frame.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	0
Default	0
Max. Value	31 (0x1F)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 15.7.7 32EF:07 Fill bit count right

Additional fill bits in the BiSS-C frame.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x07
Datatype	UINT8
Min. Value	0
Default	0
Max. Value	31 (0x1F)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 15.7.8 32EF:08 reserved

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 15.7.9 32EF:09 Max encoder clock frequency

Max possible encoder clock frequency.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	kHz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 15.7.10 32EF:0A Delay time after power up

Delay time after power up.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0A
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	5000 (0x1388)
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 15.7.11 32EF:0B Calculation time

Max position calculation time of encoder.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	0,1 $\mu$ s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 15.7.12 32EF:0C CRC polynome

Polynom for cyclic redundancy check.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	67 (0x43)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 15.7.13 32EF:0D CRC data inverted

Additional information for crc.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0D
Datatype	ENUM (UINT8)
Min. Value	False (0)
Default	True (1)
Max. Value	True (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

### 15.7.14 32EF:0E Error and warning config

Configures how encoder errors and warnings should be handled.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0E
Datatype	ENUM (INT16)
Min. Value	
Default	Report_EncErrorAsError_EncWarnAsWarn (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Report_EncErrorAsError_IgnoreEncWarn
1 (0x01)	Report_EncErrorAsError_EncWarnAsError
0 (0x00)	Report_EncErrorAsError_EncWarnAsWarn

### 15.7.15 32EF:0F Cable length depending clock frequency limit

Configures the encoder frequency limit.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0F
Datatype	ENUM (UINT16)
Min. Value	
Default	Frequency_limit_5MHz (5000)
Max. Value	
Unit	kHz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
10000 (0x2710)	Frequency_limit_10MHz
5000 (0x1388)	Frequency_limit_5MHz

### 15.7.16 32EF:10 Trace level

Configures the object messages for the TwinCAT Engineering.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x10
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

### 15.7.17 32EF:11 Position sample point timing

Configures the position sample point.



Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x11
Datatype	ENUM (UINT32)
Min. Value	
Default	PositionSamplePointTiming_Default (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	PositionSamplePointTiming_ForceToDcSync
0 (0x00)	PositionSamplePointTiming_Default

## 16 Objects of module BiSS-C linear

### 16.1 1A00:x [SL] BiSS-C linear Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 16.2 1AE0:x [SL] BiSS-C linear Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 16.3 32E0:x [SL] BiSS-C: Actual values (linear)

Actual values of the BiSSc feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 16.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 16.3.3 32E0:03 rsvd1

Actual values of the BiSSc feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 16.3.4 32E0:04 Status

Status register of the BiSSc motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 16.3.5 32E0:05 rsvd2

Actual values of the BiSSc feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 16.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 16.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	$x * (360/4294967296)^\circ$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 16.3.8 32E0:08 Raw slave line data

Raw data on the BiSS-C slave line: If (Bit 0..55 == 0) Bit 0..55: 0 Bit 56: rsvd Bit 57: rsvd Bit 58: rsvd Bit 59: rsvd Bit 60: If 1: ZERO phase was never left, protocol failure? Bit 61: If 1: ACK phase was never left Bit 62: If 1: Slave seems to be inactive/not (yet?) answering Bit 63: If 1: Core seems to be disabled If (Bit 0..55 != 0) Bit 0..55: Raw slave line data Bit 56..63: Time until ACK is received in BiSS-C line clocks

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B) Secondary Feedback: 0x3300 (Ch A)/ 0x3700 (Ch B)
Subindex	0x08
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 16.4 32E1:x [SL] BiSS-C: Encoder info (linear)

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.4.1 32E1:01 Interface

Version and feature info of the BiSSc master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.4.2 32E1:02 IpCore Ident

Internal identification of the BiSSc master IP core.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.4.3 32E1:03 Clock frequency

Clock frequency of configured encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	kHz
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.4.4 32E1:04 rsvd

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.4.5 32E1:05 Error and warning configuration

Octet-String consisting of different masks and values depending on error and warning configuration.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 16.4.6 32E1:06 Total calculation and transfer time

The time span between the position sample point and the end of the data transfer to the drive.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.4.7 32E1:07 Position sample point shift relative to the sync signal

Time difference between the DC Sync1 and the position sample time. (If T is less than zero the position is sampled before the Sync1 occurs!)

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B) Secondary Feedback: 0x3301 (Ch A)/ 0x3701 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	Âµs
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 16.5 32E2:x [SL] BiSS-C: Encoder status (linear)

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	6 (0x06)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.5.1 32E2:01 Cycle Counter

Cycle counter for monitoring the number of successful accesses to the encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x01
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.5.2 32E2:02 Error Counter

Error counter for monitoring the number of failed accesses to the encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.5.3 32E2:03 Measured calculation time

Max position calculation time of encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	0,1 Åµs
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 16.5.4 32E2:04 Raw slave line data AND

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x04
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.5.5 32E2:05 Raw slave line data OR

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 16.5.6 32E2:06 Raw slave line data decoding

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B) Secondary Feedback: 0x3302 (Ch A)/ 0x3702 (Ch B)
Subindex	0x06
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 16.6 32E3:x [SL] Temperature sensors

This object contains the temperature sensor values.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.6.1 32E3:01 BiSSc encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 16.6.2 32E3:02 BiSSc encoder connected sensor resistance

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 16.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 16.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B) Secondary Feedback: 0x3303 (Ch A)/ 0x3703 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 16.7 32EF:x [SL] BiSS-C: Encoder parameter (linear)

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	18 (0x12)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 16.7.1 32EF:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorFront_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ConnectorFront_D_Sub_Right
1 (0x01)	ConnectorFront_D_Sub_Left
0 (0x00)	ConnectorFront_CorrespondingToDriveChannel

### 16.7.2 32EF:02 Power supply

Necessary power supply for the encoder.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2 (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DC_11V_pin_6_2
1 (0x01)	DC_05V_with_sense_line_pin_4_2_sense_pin_12_10
0 (0x00)	DC_05V_without_sense_line_pin_4_2__DC_11V_pin_6_2

### 16.7.3 32EF:03 Measuring step length

Measuring step length.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	pm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 16.7.4 32EF:04 Measuring step length divisor

The measuring step length can be scaled with this divisor. This divisor should only be used if the exact step length can't be represented in picometer.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	1024 (0x00000400)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



### 16.7.5 32EF:05 Position bit count

Bit count of the position value in the BiSS-C frame.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	0
Default	0
Max. Value	62 (0x3E)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 16.7.6 32EF:06 Data layout

Defines the data layout in the BiSS frame.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x06
Datatype	ENUM (UINT8)
Min. Value	
Default	FillLeft_Pos_FillRight_NotError_NotWarning_Crc (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00)	FillLeft_Pos_FillRight_NotError_NotWarning_Crc

### 16.7.7 32EF:07 Fill bit count left

Additional fill bits in the BiSS-C frame.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x07
Datatype	UINT8
Min. Value	0
Default	0
Max. Value	31 (0x1F)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 16.7.8 32EF:08 Fill bit count right

Additional fill bits in the BiSS-C frame.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x08
Datatype	UINT8
Min. Value	0
Default	0
Max. Value	31 (0x1F)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 16.7.9 32EF:09 reserved

This object contains not mappable BiSSc encoder parameters.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 16.7.10 32EF:0A Max encoder clock frequency

Max possible encoder clock frequency.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	kHz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 16.7.11 32EF:0B Delay time after power up

Delay time after power up.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0B
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	
Unit	ms
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 16.7.12 32EF:0C Calculation time

Max position calculation time of encoder.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	0
Max. Value	
Unit	0,1 $\mu$ s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 16.7.13 32EF:0D CRC polynome

Polynom for cyclic redundancy check.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	67 (0x43)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 16.7.14 32EF:0E CRC data inverted

Additional information for crc.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0E
Datatype	ENUM (UINT8)
Min. Value	False (0)
Default	True (1)
Max. Value	True (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

### 16.7.15 32EF:0F Error and warning config

Configures how encoder errors and warnings should be handled.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x0F
Datatype	ENUM (INT16)
Min. Value	
Default	Report_EncErrorAsError_EncWarnAsWarn (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Report_EncErrorAsError_IgnoreEncWarn
1 (0x01)	Report_EncErrorAsError_EncWarnAsError
0 (0x00)	Report_EncErrorAsError_EncWarnAsWarn

### 16.7.16 32EF:10 Cable length depending clock frequency limit

Configures the encoder frequency limit.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x10
Datatype	ENUM (UINT16)
Min. Value	
Default	Frequency_limit_5MHz (5000)
Max. Value	
Unit	kHz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
10000 (0x2710)	Frequency_limit_10MHz
5000 (0x1388)	Frequency_limit_5MHz

### 16.7.17 32EF:11 Trace level

Configures the object messages for the TwinCAT Engineering.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x11
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

### 16.7.18 32EF:12 Position sample point timing

Configures the position sample point.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B) Secondary Feedback: 0x330F (Ch A)/ 0x370F (Ch B)
Subindex	0x12
Datatype	ENUM (UINT32)
Min. Value	
Default	PositionSamplePointTiming_Default (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	PositionSamplePointTiming_ForceToDcSync
0 (0x00)	PositionSamplePointTiming_Default

## 17 Objects of module SimulationRotary

### 17.1 1A00:x SimulationRotary Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 17.2 1AE0:x SimulationRotary Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



## 17.3 32E0:x Simulation: Actual values (rotary)

This object contains the actual encoder values which are updated every Encoder cycle.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 17.3.1 32E0:01 Position

The actual right-aligned position value of the simulated motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 17.3.2 32E0:02 Raw position

The raw position value of the DSL motor feedback system [63..32] Multi turns, [31..0] Single turn.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	$x * (360/4294967296)^\circ$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 17.3.3 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 17.3.4 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	$x * (360/4294967296)^\circ$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 17.3.5 32E0:08 Simulation mode

This object indicates the position calculation mode depending on motor and control mode settings.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x08
Datatype	ENUM (UINT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	Calc_position_from_estimated_commutation_angle
0 (0x00)	Calc_position_from_velocity_command_value

## 17.4 32E3:x Temperature sensors

This object contains the temperature sensor values.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 17.4.1 32E3:01 Simulation encoder connected sensor data state

This object contains the data state of the simulated temperature sensor value,

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 17.4.2 32E3:02 Simulation encoder connected sensor resistance

This object contains the resistance of the simulated temperature sensor value,

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 17.4.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value,

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 17.4.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value,

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 18 Objects of module SyncServoMotor

### 18.1 1A00:x SyncServoMotor Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 18.2 1AE0:x SyncServoMotor Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 18.3 32C0:x Motor parameters

This object contains parameters to configure the connected motor.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.3.1 32C0:01 Configured motor type

This object indicates the configured motor type.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	not set
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.2 32C0:02 Pole pairs

This object indicates the motor pole pairs.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	255 (0x00FF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.3 32C0:03 Motor peak current

This object configures the motor peak current. If the electronic datasheet of the motor is available take "Peak current".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.4 32C0:04 Motor nominal voltage

This object configures the motor nominal voltage. If the electronic datasheet is available take "Nominal voltage" according to the selected mains voltage.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.5 32C0:05 Motor max voltage

This object configures the motor max voltage. If the electronic datasheet is available take "Max voltage".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.6 32C0:06 Winding resistance R

This object configures the winding resistance R (phase to phase at 20°C). If the electronic datasheet is available take "Winding resistance Ph-Ph 20°C".



Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.7 32C0:07 Winding inductance Ld

This object configures the direct axis winding inductance Ld (phase to phase). If the electronic datasheet is available take "Ld Ph-Ph".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.8 32C0:08 Winding inductance Lq

This object configures the direct winding inductance Lq. If the electronic datasheet is available take "Lq Ph-Ph".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.9 32C0:09 Motor warning temperature

This object configures the motor temperature warning threshold. If the electronic datasheet is available take "T motor warn limit".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.10 32C0:0A Motor shut down temperature

This object configures the motor temperature error threshold. If the electronic datasheet is available take "T motor err limit".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.11 32C0:0B Motor moment of inertia

This object configures the inertia of rotor including brake and encoder. If the electronic datasheet is available take "J motor with brake".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	kg m <sup>2</sup>
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.12 32C0:0C Motor rated speed

This object indicates the motor calculated speed. Its calculated from the motor parameters.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.13 32C0:0D Motor rated torque

This object configures the motor rated torque at rated speed. If the electronic datasheet is available take "Rated torque" according to the selected mains voltage.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.14 32C0:0E Commutation offset

This object configures the motor commutation offset. Beckhoff motors use the default value (0°).

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0E
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	$x * (360/65536)^\circ$
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.15 32C0:0F Motor temperature sensor connection

This object configures the motor temperature sensor type.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0F
Datatype	ENUM (INT16)
Min. Value	
Default	No_motor_temperature_switch_or_sensor (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Via_feedback_process_data_scaled_in_0_1K
2 (0x02)	Via_motor_cable_and_characteristic_table
1 (0x01)	Via_feedback_process_data_and_characteristic_table
0 (0x00)	No_motor_temperature_switch_or_sensor

### 18.3.16 32C0:10 Motor max voltage slope

This object configures the motor maximum winding voltage slope. If the electronic datasheet is available take "Max winding du/dt" according to the selected mains voltage.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.17 32C0:16 Commutation offset source

This object configures the memory source of the "Offset position actual value".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x16
Datatype	ENUM (UINT16)
Min. Value	
Default	feedback_module (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	execute_static_current_vector_command
1 (0x01)	motor_parameter_commutation_offset
0 (0x00)	feedback_module

### 18.3.18 32C0:17 Motor peak torque

This object configures the motor peak torque. If the electronic datasheet of the motor is available take "Max Torque".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x17
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.3.19 32C0:19 Reluctance torque current angle

This object configures the current angle with maximal torque per current.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x19
Datatype	UINT16
Min. Value	0
Default	16384 (0x4000)
Max. Value	32768 (0x8000)
Unit	x * (360/65536)°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 18.4 32C1:x SyncServoMotor actual values

This object contains actual values from this module.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.4.1 32C1:01 Actual motor I<sup>2</sup>T current limit

This object is to monitor the thermal motor I<sup>2</sup>T model current limitation. If the estimated I<sup>2</sup>T value exceeds the threshold value the current will be limited to motor I<sub>0</sub> (0x6075).

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 18.4.2 32C1:02 Thermal motor utilization

This object is to indicate the actual motor utilization.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	%
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 18.4.3 32C1:03 Estimated motor copper losses

Internal value for estimated motor copper losses.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 18.4.4 32C1:04 Estimated motor iron losses

Internal value for estimated motor iron losses.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 18.4.5 32C1:05 Motor I2T limitation active

This internal state indicates a current reduction due to the thermal motor model.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x05
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	limit_active
0 (0x00)	limit_off

### 18.4.6 32C1:06 Actual motor temperature

This object provides the measured motor winding temperature. It is usually acquired via the motor internal temperature sensor.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 18.4.7 32C1:0B Actual commutation offset

This object displays the actual motor commutation offset. Beckhoff motors use the default value (0°).

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	$x * (360/65536)^\circ$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 18.4.8 32C1:0C Is commutation offset valid

This object displays if the actual motor commutation offset is valid.



Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

### 18.4.9 32C1:0D Voltage controller demand value

Voltage controller demand voltage value.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 18.4.10 32C1:0E Voltage controller actual value

Voltage controller actual voltage value.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 18.4.11 32C1:0F Sensorless control commutation angle error

Sensorless control estimated commutation error angle.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0F
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 18.5 32C2:x Motor torque characteristic

This object describes the motor torque characteristic of a cold (40°C) motor. The torque as a function of current curve is approximated by a third order polynomial. Three pairs of values are required. Standstill current and torque, peak current and torque and a pair of values between standstill and peak. The values can be read from the motor electronic datasheet (XEDS file).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.5.1 32C2:01 Current 1

A current near the motor standstill current should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (2nd current).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.5.2 32C2:02 Current 2

A current between standstill and peak current should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (5th current).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.5.3 32C2:03 Current 3

The peak current of the motor should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (10th current).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.5.4 32C2:04 Torque 1

A torque near the cold motor standstill torque should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (2nd torque).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.5.5 32C2:05 Torque 2

A torque between standstill and peak should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (5th torque).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 18.5.6 32C2:06 Torque 3

The torque at peak current of the cold motor should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (10th torque).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.5.7 32C2:07 Coeff A1

First coefficient of polynomial third order.

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.5.8 32C2:08 Coeff A2

Second coefficient of polynomial third order.

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.5.9 32C2:09 Coeff A3

Third coefficient of polynomial third order.

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 18.6 32C6:x Motor commutation monitoring parameters

This object contains parameters to configure the Motor commutation monitoring

Description	Value
Index	Motor: 0x32C6 (Ch A)/ 0x36C6 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.6.1 32C6:01 Speed threshold

The minimum speed for detecting a commutation error is 'Max motor speed' (0x6080) multiplied by 'Speed threshold'

Description	Value
Index	Motor: 0x32C6 (Ch A)/ 0x36C6 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.1
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.6.2 32C6:02 Voltage threshold

The BEMF level for detecting a commutation error is 'Motor nominal voltage' (0x32C0:03) multiplied by 'Voltage threshold'

Description	Value
Index	Motor: 0x32C6 (Ch A)/ 0x36C6 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.1
Max. Value	2.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 18.7 32C7:x Motor temperature sensor characteristic

This object describes the R(T) curve of the motor winding temperature sensor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	21 (0x15)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.7.1 32C7:01 Temperature 0

Temperature sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.2 32C7:02 Temperature 1

Temperature sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.3 32C7:03 Temperature 2

Temperature sampling point 3 of the R(T) curve of the motor.



Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.4 32C7:04 Temperature 3

Temperature sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.5 32C7:05 Temperature 4

Temperature sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.6 32C7:06 Temperature 5

Temperature sampling point 6 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.7 32C7:07 Temperature 6

Temperature sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.8 32C7:08 Temperature 7

Temperature sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.9 32C7:09 Temperature 8

Temperature sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.10 32C7:0A Temperature 9

Temperature sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.11 32C7:0B Resistance 0

Resistance sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.12 32C7:0C Resistance 1

Resistance sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.13 32C7:0D Resistance 2

Resistance sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.14 32C7:0E Resistance 3

Resistance sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.15 32C7:0F Resistance 4

Resistance sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.16 32C7:10 Resistance 5

Resistance sampling point 6 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.17 32C7:11 Resistance 6

Resistance sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.18 32C7:12 Resistance 7

Resistance sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.19 32C7:13 Resistance 8

Resistance sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.20 32C7:14 Resistance 9

Resistance sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.7.21 32C7:15 Temperature Sensor Id

Id of the temperature sensor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x15
Datatype	ENUM (INT32)
Min. Value	
Default	TemperatureSensorId_NotDefined (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TemperatureSensorId_KTY_83_110
3 (0x03)	TemperatureSensorId_PT100
2 (0x02)	TemperatureSensorId_PT1000
1 (0x01)	TemperatureSensorId_KTY_84_130
0 (0x00)	TemperatureSensorId_NotDefined

## 18.8 32C8:x Motor thermal model

These objects configure the motor thermal model.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.8.1 32C8:01 Motor thermal time constant

This object configures the time constant for the whole motor. If an electronic datasheet is available take "Motor thermal constant" and scale it to seconds.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	540.0
Max. Value	200000.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.8.2 32C8:02 Winding thermal time constant

This object configures the time constant of the copper winding only. If an electronic datasheet is available take "Time constant  $i^2T$ ".

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	20.0
Max. Value	3600.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.8.3 32C8:03 Warning limit

This object shall configure the thermal motor utilization warning limit.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.8.4 32C8:04 Error limit

This object shall configure the thermal motor utilization error limit.



Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.8.5 32C8:05 Reaction

This object configures the reaction in case reaching the thermal motor utilization error limit.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x05
Datatype	ENUM (INT16)
Min. Value	
Default	No_Reaction (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Reduction
1 (0x01)	Shut_down_on_error_level
0 (0x00)	No_Reaction

### 18.8.6 32C8:06 Partial fraction factor

This object describes the thermal resistor fraction factor of the motor.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	25.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 18.8.7 32C8:07 Model type

This object configures the model type for the thermal model.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x07
Datatype	ENUM (INT16)
Min. Value	
Default	Calculation_of_total_winding_losses (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Calculation_of_separate_winding_losses
0 (0x00)	Calculation_of_total_winding_losses

## 18.9 32C9:x Rotor slowdown procedure parameter

This object the parameters for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.9.1 32C9:06 Activation time

This object configures the first phase activation time for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.9.2 32C9:0A Wait time after braking

This object configures the final wait time for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 18.10 32CA:x Motor info

This object contains information about the connected motor.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.10.1 32CA:01 Vendor

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.10.2 32CA:02 Order code

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.10.3 32CA:03 Electric type

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.10.4 32CA:04 Serial number

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x04
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.10.5 32CA:05 Feedback serial number

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x05
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 18.11 32CB:x Motor cogging compensation

These objects configure the cogging compensation.

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	36 (0x24)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.11.1 32CB:01 Cogging compensation control

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	Use_encoder_memory_cogging_comp_para_if_available (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	Cogging_comp_off
3 (0x03)	Use_startuplist_cogging_comp_para
2 (0x02)	Use_drive_memory_cogging_comp_para
1 (0x01)	Use_encoder_memory_cogging_comp_para
0 (0x00)	Use_encoder_memory_cogging_comp_para_if_available

### 18.11.2 32CB:02 Cogging compensation gain

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	2.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.3 32CB:03 Cogging compensation status

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Startulist_para_are_in_use_and_displayed
2 (0x02)	Para_from_drive_memory_are_in_use_and_displayed
1 (0x01)	Para_from_encoder_memory_are_in_use_and_displayed
0 (0x00)	Compensation_off

### 18.11.4 32CB:04 Cogging compensation status encoder memory

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x04
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Valid_factory_settings
1 (0x01)	Valid
0 (0x00)	Not_valid

### 18.11.5 32CB:05 Cogging compensation status drive memory

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x05
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Valid_factory_settings
1 (0x01)	Valid
0 (0x00)	Not_valid

### 18.11.6 32CB:06 Cogging compensation status startup list

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x06
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Write_access_occured
0 (0x00)	No_write_access

### 18.11.7 32CB:07 Cogging compensation Coef 0 n

ToDo



Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x07
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.8 32CB:08 Cogging compensation Coef 0 phi

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.9 32CB:09 Cogging compensation Coef 0 r

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.10 32CB:0A Cogging compensation Coef 1 n

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x0A
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.11 32CB:0B Cogging compensation Coef 1 phi

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.12 32CB:0C Cogging compensation Coef 1 r

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.13 32CB:0D Cogging compensation Coef 2 n

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x0D
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.14 32CB:0E Cogging compensation Coef 2 phi

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.15 32CB:0F Cogging compensation Coef 2 r

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.16 32CB:10 Cogging compensation Coef 3 n

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x10
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.17 32CB:11 Cogging compensation Coef 3 phi

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.18 32CB:12 Cogging compensation Coef 3 r

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.19 32CB:13 Cogging compensation Coef 4 n

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x13
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.20 32CB:14 Cogging compensation Coef 4 phi

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.21 32CB:15 Cogging compensation Coef 4 r

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x15
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.22 32CB:16 Cogging compensation Coef 5 n

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x16
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.23 32CB:17 Cogging compensation Coef 5 phi

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x17
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.24 32CB:18 Cogging compensation Coef 5 r

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x18
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.25 32CB:19 Cogging compensation Coef 6 n

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x19
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.26 32CB:1A Cogging compensation Coef 6 phi

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x1A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.27 32CB:1B Cogging compensation Coef 6 r

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x1B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.28 32CB:1C Cogging compensation Coef 7 n

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x1C
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.29 32CB:1D Cogging compensation Coef 7 phi

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x1D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.30 32CB:1E Cogging compensation Coef 7 r

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x1E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.31 32CB:1F Cogging compensation Coef 8 n

ToDo



Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x1F
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.32 32CB:20 Cogging compensation Coef 8 phi

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x20
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.33 32CB:21 Cogging compensation Coef 8 r

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x21
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.34 32CB:22 Cogging compensation Coef 9 n

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x22
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	200 (0x000000C8)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.35 32CB:23 Cogging compensation Coef 9 phi

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x23
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	360.0
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.11.36 32CB:24 Cogging compensation Coef 9 r

ToDo

Description	Value
Index	Motor: 0x32CB (Ch A)/ 0x36CB (Ch B)
Subindex	0x24
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 18.12 32CC:x Motor inductance characteristic

10 ordered pairs of numbers are describing the saturation of the differential inductance as a function of the torque/force producing current.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.12.1 32CC:01 Current 0

Current sampling point 1 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.2 32CC:02 Current 1

Current sampling point 2 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.3 32CC:03 Current 2

Current sampling point 3 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.4 32CC:04 Current 3

Current sampling point 4 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.5 32CC:05 Current 4

Current sampling point 5 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.6 32CC:06 Current 5

Current sampling point 6 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.7 32CC:07 Current 6

Current sampling point 7 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.8 32CC:08 Current 7

Current sampling point 8 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.9 32CC:09 Current 8

Current sampling point 9 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.10 32CC:0A Current 9

Current sampling point 10 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.11 32CC:0B Inductance 0

Inductance sampling point 1 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.12 32CC:0C Inductance 1

Inductance sampling point 2 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.13 32CC:0D Inductance 2

Inductance sampling point 3 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.14 32CC:0E Inductance 3

Inductance sampling point 4 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.15 32CC:0F Inductance 4

Inductance sampling point 5 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.16 32CC:10 Inductance 5

Inductance sampling point 6 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.17 32CC:11 Inductance 6

Inductance sampling point 7 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.18 32CC:12 Inductance 7

Inductance sampling point 8 of the Lq(i) curve of the motor.



Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.19 32CC:13 Inductance 8

Inductance sampling point 9 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.12.20 32CC:14 Inductance 9

Inductance sampling point 10 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 18.13 32CD:x Commutation offset command

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	Motor: 0x32CD (Ch A)/ 0x36CD (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.13.1 32CD:01 Command

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	Motor: 0x32CD (Ch A)/ 0x36CD (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.13.2 32CD:02 Status

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	Motor: 0x32CD (Ch A)/ 0x36CD (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 18.13.3 32CD:03 Response

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	Motor: 0x32CD (Ch A)/ 0x36CD (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 18.14 32CE:x Commutation offset command parameters

This object contains parameters for commutation offset command.

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.14.1 32CE:01 Static current vector: Method

This object configures the static current vector method.

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	Measure_offset_with_free_movement_check_and_feedback_direction_check (0)
Default	Measure_offset_with_free_movement_check_and_feedback_direction_check (0)
Max. Value	Calibrate_offset_simple (4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	Calibrate_offset_simple
3 (0x03)	Calibrate_offset_with_free_movement_check_and_feedback_direction_check
2 (0x02)	Measure_offset_simple
1 (0x01)	Check_feedback_direction_and_relative_offset
0 (0x00)	Measure_offset_with_free_movement_check_and_feedback_direction_check

### 18.14.2 32CE:02 Static current vector: Current level

This object configures the static current vector current level in percent based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	1000 (0x03E8)
Max. Value	5000 (0x1388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.14.3 32CE:03 Static current vector: Current slope

This object configures the static current vector current slope in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	10 (0x0000000A)
Default	10000 (0x00002710)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.14.4 32CE:04 Static current vector: Duration

This object configures the time the constant current vector is applied before the commutation offset is calculated.

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	3.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.14.5 32CE:05 Static current vector: Initial moving distance per pole pair

This object configures the static current vector moving distance per pole pair before commutation offset calibration.

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x05
Datatype	INT32
Min. Value	-36000 (0xFFFF7360)
Default	90 (0x0000005A)
Max. Value	36000 (0x00008CA0)
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.14.6 32CE:06 Static current vector: Test sequence moving distance per pole pair

This object configures the static current vector moving distance per pole pair for the test movement.

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	0
Default	90 (0x005A)
Max. Value	360 (0x0168)
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.14.7 32CE:07 Static current vector: Velocity per pole pair

This object configures the static current vector velocity per pole pair for the test movement.

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	6 (0x0006)
Default	30 (0x001E)
Max. Value	3600 (0x0E10)
Unit	°/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



## 18.15 32CF:x Save cogging compensation data

With this command object the cogging compensation data can be saved.

Description	Value
Index	Motor: 0x32CF (Ch A)/ 0x36CF (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.15.1 32CF:01 Command

With this command object the cogging compensation data can be saved.

Description	Value
Index	Motor: 0x32CF (Ch A)/ 0x36CF (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.15.2 32CF:02 Status

With this command object the cogging compensation data can be saved.

Description	Value
Index	Motor: 0x32CF (Ch A)/ 0x36CF (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 18.15.3 32CF:03 Response

With this command object the cogging compensation data can be saved.

Description	Value
Index	Motor: 0x32CF (Ch A)/ 0x36CF (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 18.16 32D0:x Sensorless control parameter

This object contains parameters for sensorless control operation.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	16 (0x10)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 18.16.1 32D0:01 Internal torque command standstill

This object configures the internal torque command during standstill in percent based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x01
Datatype	UINT16
Min. Value	0
Default	200 (0x00C8)
Max. Value	5000 (0x1388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.2 32D0:02 Internal torque command acceleration

This object configures the internal torque command during acceleration and deceleration in percent based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	600 (0x0258)
Max. Value	5000 (0x1388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.3 32D0:03 Flux generating current slope 1

This object configures the flux generating current slope 1 in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	1 (0x00000001)
Default	200 (0x000000C8)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.4 32D0:04 Flux generating current slope 2

This object configures the flux generating current slope 2 in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	1 (0x00000001)
Default	10000 (0x00002710)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.5 32D0:05 Flux generating current slope 3

This object configures the flux generating current slope 3 in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x05
Datatype	UINT32
Min. Value	1 (0x00000001)
Default	200 (0x000000C8)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.6 32D0:06 Current control loop proportional gain

This object contains the proportional gain of the flux generating current control loop during startup.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	30.0
Max. Value	
Unit	V/A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.7 32D0:07 Threshold speed enable FOC

This object configures the speed threshold at which the field oriented control is enabled.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	2800 (0x00000AF0)
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.8 32D0:08 Threshold speed disable FOC

This object configures the speed threshold at which the field oriented control is disabled.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	2000 (0x000007D0)
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.9 32D0:09 Timeout

This object configures the commutation angle adjustment attempt timeout.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.001
Default	10.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.10 32D0:0A Commutation angle adjustment

This object configures the commutation angle adjustment.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	5.0
Max. Value	200.0
Unit	rad/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.11 32D0:0B Commutation angle error limit

This object configures the commutation angle error limit.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.5
Max. Value	0.5
Unit	rad
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.12 32D0:0C Low pass frequency

This object configures the low pass frequency.



Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x0C
Datatype	UINT16
Min. Value	0
Default	300 (0x012C)
Max. Value	3000 (0x0BB8)
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.13 32D0:0D Bandwidth

This object configures the sensorless control observer bandwidth.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x0D
Datatype	UINT16
Min. Value	25 (0x0019)
Default	50 (0x0032)
Max. Value	1000 (0x03E8)
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.14 32D0:0E Damping

This object configures the sensorless control observer damping factor.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.2
Default	0.7
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.15 32D0:01 Emf observer: Internal torque command standstill

This object configures the internal torque command during standstill in percent based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x01
Datatype	UINT16
Min. Value	0
Default	200 (0x00C8)
Max. Value	5000 (0x1388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.16 32D0:02 Emf observer: Internal torque command acceleration

This object configures the internal torque command during acceleration and deceleration in percent based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	600 (0x0258)
Max. Value	5000 (0x1388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.17 32D0:03 Emf observer: Flux generating current slope 1

This object configures the flux generating current slope 1 in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	1 (0x00000001)
Default	200 (0x000000C8)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.18 32D0:04 Emf observer: Flux generating current slope 2

This object configures the flux generating current slope 2 in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	1 (0x00000001)
Default	10000 (0x00002710)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.19 32D0:05 Emf observer: Flux generating current slope 3

This object configures the flux generating current slope 3 in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x05
Datatype	UINT32
Min. Value	1 (0x00000001)
Default	200 (0x000000C8)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.20 32D0:06 Emf observer: Current control loop proportional gain

This object contains the proportional gain of the flux generating current control loop during startup.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	30.0
Max. Value	
Unit	V/A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.21 32D0:07 Emf observer: Threshold speed enable FOC

This object configures the speed threshold at which the field oriented control is enabled.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	2800 (0x00000AF0)
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.22 32D0:08 Emf observer: Threshold speed disable FOC

This object configures the speed threshold at which the field oriented control is disabled.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x08
Datatype	UINT32
Min. Value	
Default	2000 (0x000007D0)
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.23 32D0:09 Emf observer: Timeout

This object configures the commutation angle adjustment attempt timeout.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.001
Default	10.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.24 32D0:0A Emf observer: Commutation angle adjustment

This object configures the commutation angle adjustment.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	5.0
Max. Value	200.0
Unit	rad/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.25 32D0:0B Emf observer: Commutation angle error limit

This object configures the commutation angle error limit.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.5
Max. Value	0.5
Unit	rad
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.26 32D0:0C Emf observer: Low pass frequency

This object configures the low pass frequency.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x0C
Datatype	UINT16
Min. Value	0
Default	300 (0x012C)
Max. Value	3000 (0x0BB8)
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.27 32D0:0D Emf observer: Bandwidth

This object configures the sensorless control observer bandwidth.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x0D
Datatype	UINT16
Min. Value	25 (0x0019)
Default	50 (0x0032)
Max. Value	1000 (0x03E8)
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.16.28 32D0:0E Emf observer: Damping

This object configures the sensorless control observer damping factor.

Description	Value
Index	Motor: 0x32D0 (Ch A)/ 0x36D0 (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.2
Default	0.7
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.17 32D1:x Field weakening parameter

This object contains parameters for field weakening operation.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 18.17.1 32D1:01 Mode

This object enables field weakening and configures the field weakening mode.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT16)
Min. Value	Field_weakening_disabled (0)
Default	Field_weakening_disabled (0)
Max. Value	Basic_field_weakening (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Basic_field_weakening
0 (0x00)	Field_weakening_disabled

### 18.17.2 32D1:02 Current ratio

This object configures the maximal field weakening current based on the smaller value of motor and inverter rated current.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	6000 (0x1770)
Max. Value	10000 (0x2710)
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.17.3 32D1:03 Voltage utilization

This object configures the voltage utilization set value in field weakening operation.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	0
Default	9500 (0x251C)
Max. Value	10000 (0x2710)
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.17.4 32D1:04 Integral action time

This object configures the voltage controller integral action time.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0005
Default	0.005
Max. Value	1.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 18.17.5 32D1:05 Max field weakening current

This object shows the maximal field weakening current.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,01 A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



## 18.18 32DF Motor control mode

This object configures the control mode.

Description	Value
Index	Motor: 0x32DF (Ch A)/ 0x36DF (Ch B)
Subindex	0x00
Datatype	ENUM (UINT16)
Min. Value	
Default	Sm_field_oriented_control_with_feedback (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	SynRm_field_oriented_control_with_feedback
1 (0x01)	Sm_field_oriented_control_with_emf_observer
0 (0x00)	Sm_field_oriented_control_with_feedback

## 18.19 6075 Motor standstill current

This object indicates the motor standstill current ( $I_0$ ). If an electronic datasheet is available "Standstill current" will be read and scaled to mA.

Description	Value
Index	0x6075 (Ch A)/ 0x6875 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mA
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 18.20 6076 Motor standstill torque

This object indicates the motor standstill torque ( $M_0$ )/force ( $F_c$ ). If an electronic datasheet of the motor is available "Standstill current" ( $I_0$ ) will be multiplied by the torque constant ( $K_t$ )/( $K_f$ ). The value is scaled to mNm/mN.

Description	Value
Index	0x6076 (Ch A)/ 0x6876 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mNm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 18.21 6080 Max motor speed

This object shall indicate the configured maximal allowed speed for the motor in either direction. It is used to protect the motor and is taken from the motor data sheet.

Description	Value
Index	0x6080 (Ch A)/ 0x6880 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	3000 (0x00000BB8)
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 19 Objects of module LinearMotor

### 19.1 1A00:x LinearMotor Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 19.2 1AE0:x LinearMotor Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 19.3 32C0:x Motor parameters

This object contains parameters to configure the connected motor.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.3.1 32C0:01 Configured motor type

This object indicates the configured motor type.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	not set
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.2 32C0:02 Pole pair distance

This object indicates the motor pole pair distance.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	100.0
Unit	m
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.3 32C0:03 Motor peak current

This object configures the motor peak current. If the electronic datasheet of the motor is available take "Peak current".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.4 32C0:04 Motor nominal voltage

This object configures the motor nominal voltage. If the electronic datasheet is available take "Nominal voltage" according to the selected mains voltage.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.5 32C0:05 Motor max voltage

This object configures the motor max voltage. If the electronic datasheet is available take "Max voltage".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.6 32C0:06 Winding resistance R

This object configures the winding resistance R (phase to phase at 20°C). If the electronic datasheet is available take "Winding resistance Ph-Ph 20°C".



Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.7 32C0:07 Winding inductance Ld

This object configures the direct axis winding inductance Ld (phase to phase). If the electronic datasheet is available take "Ld Ph-Ph".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.8 32C0:08 Winding inductance Lq

This object configures the direct winding inductance Lq. If the electronic datasheet is available take "Lq Ph-Ph".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.9 32C0:09 Motor warning temperature

This object configures the motor temperature warning threshold. If the electronic datasheet is available take "T motor warn limit".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.10 32C0:0A Motor shut down temperature

This object configures the motor temperature error threshold. If the electronic datasheet is available take "T motor err limit".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.11 32C0:0B Coil unit mass

This object configures the inertia of rotor including brake and encoder. If the electronic datasheet is available take "J motor with brake".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	kg
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.12 32C0:0C Motor rated speed

This object indicates the motor calculated speed. Its calculated from the motor parameters.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	m/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.13 32C0:0D Motor rated force

This object configures the motor rated force at rated speed. If the electronic datasheet is available take "Rated force" according to the selected mains voltage.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.14 32C0:0E Commutation offset

This object configures the motor commutation offset. Beckhoff motors use the default value (0°).

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0E
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	65535 (0xFFFF)
Unit	$x * (360/65536)^\circ$
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.15 32C0:0F Motor temperature sensor connection

This object configures the motor temperature sensor type.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0F
Datatype	ENUM (INT16)
Min. Value	
Default	No_motor_temperature_switch_or_sensor (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Via_feedback_process_data_scaled_in_0_1K
2 (0x02)	Via_motor_cable_and_characteristic_table
1 (0x01)	Via_feedback_process_data_and_characteristic_table
0 (0x00)	No_motor_temperature_switch_or_sensor

### 19.3.16 32C0:10 Motor max voltage slope

This object configures the motor maximum winding voltage slope. If the electronic datasheet is available take "Max winding du/dt" according to the selected mains voltage.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.3.17 32C0:16 Commutation offset source

This object configures the memory source of the "Offset position actual value".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x16
Datatype	ENUM (UINT16)
Min. Value	
Default	feedback_module (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	execute_static_current_vector_command
1 (0x01)	motor_parameter_commutation_offset
0 (0x00)	feedback_module

### 19.3.18 32C0:17 Motor peak force

This object configures the motor peak torque. If the electronic datasheet of the motor is available take "Max Force".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x17
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 19.4 32C1:x LinearMotor actual values

This object contains actual values from this module.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.4.1 32C1:01 Actual motor I<sup>2</sup>T current limit

This object is to monitor the thermal motor I<sup>2</sup>T model current limitation. If the estimated I<sup>2</sup>T value exceeds the threshold value the current will be limited to motor I<sub>0</sub> (0x6075).

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 19.4.2 32C1:02 Thermal motor utilization

This object is to indicate the actual motor utilization.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	%
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 19.4.3 32C1:03 Estimated motor copper losses

Internal value for estimated motor copper losses.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 19.4.4 32C1:04 Estimated motor iron losses

Internal value for estimated motor iron losses.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 19.4.5 32C1:05 Motor I2T limitation active

This internal state indicates a current reduction due to the thermal motor model.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x05
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	limit_active
0 (0x00)	limit_off

### 19.4.6 32C1:06 Actual motor temperature

This object provides the measured motor winding temperature. It is usually acquired via the motor internal temperature sensor.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 19.4.7 32C1:0B Actual commutation offset

This object displays the actual motor commutation offset. Beckhoff motors use the default value (0°).

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	$x * (360/65536)^\circ$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 19.4.8 32C1:0C Is commutation offset valid

This object displays if the actual motor commutation offset is valid.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

### 19.4.9 32C1:0D Voltage controller demand value

Voltage controller demand voltage value.



Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 19.4.10 32C1:0E Voltage controller actual value

Voltage controller actual voltage value.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 19.4.11 32C1:0F reserved\_5

Voltage controller actual voltage value.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0F
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 19.5 32C2:x Motor force characteristic

This object describes the motor torque characteristic of a cold (40°C) motor. The torque as a function of current curve is approximated by a third order polynomial. Three pairs of values are required. Standstill current and torque, peak current and torque and a pair of values between standstill and peak. The values can be read from the motor electronic datasheet (XEDS file).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	9 (0x09)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.5.1 32C2:01 Current 1

A current near the motor standstill current should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (2nd current).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.5.2 32C2:02 Current 2

A current between standstill and peak current should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (5th current).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.5.3 32C2:03 Current 3

The peak current of the motor should be parameterized here. This current can be read from the electronic datasheet of the motor, if available (10th current).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.5.4 32C2:04 Force 1

A torque near the cold motor standstill torque should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (2nd torque).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.5.5 32C2:05 Force 2

A torque between standstill and peak should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (5th torque).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.5.6 32C2:06 Force 3

The torque at peak current of the cold motor should be parameterized here. This torque can be read from the electronic datasheet of the motor, if available (10th torque).

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10000.0
Unit	N
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.5.7 32C2:07 Coeff A1

First coefficient of polynomial third order.

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.5.8 32C2:08 Coeff A2

Second coefficient of polynomial third order.

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.5.9 32C2:09 Coeff A3

Third coefficient of polynomial third order.

Description	Value
Index	Motor: 0x32C2 (Ch A)/ 0x36C2 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 19.6 32C6:x Motor commutation monitoring parameters

This object contains parameters to configure the Motor commutation monitoring

Description	Value
Index	Motor: 0x32C6 (Ch A)/ 0x36C6 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.6.1 32C6:01 Speed threshold

The minimum speed for detecting a commutation error is 'Max motor speed' (0x6080) multiplied by 'Speed threshold'

Description	Value
Index	Motor: 0x32C6 (Ch A)/ 0x36C6 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.1
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.6.2 32C6:02 Voltage threshold

The BEMF level for detecting a commutation error is 'Motor nominal voltage' (0x32C0:03) multiplied by 'Voltage threshold'

Description	Value
Index	Motor: 0x32C6 (Ch A)/ 0x36C6 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.1
Max. Value	2.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 19.7 32C7:x Motor temperature sensor characteristic

This object describes the R(T) curve of the motor winding temperature sensor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	21 (0x15)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.7.1 32C7:01 Temperature 0

Temperature sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.2 32C7:02 Temperature 1

Temperature sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.3 32C7:03 Temperature 2

Temperature sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.4 32C7:04 Temperature 3

Temperature sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.5 32C7:05 Temperature 4

Temperature sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.6 32C7:06 Temperature 5

Temperature sampling point 6 of the R(T) curve of the motor.



Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.7 32C7:07 Temperature 6

Temperature sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.8 32C7:08 Temperature 7

Temperature sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.9 32C7:09 Temperature 8

Temperature sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.10 32C7:0A Temperature 9

Temperature sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.11 32C7:0B Resistance 0

Resistance sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.12 32C7:0C Resistance 1

Resistance sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.13 32C7:0D Resistance 2

Resistance sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.14 32C7:0E Resistance 3

Resistance sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.15 32C7:0F Resistance 4

Resistance sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.16 32C7:10 Resistance 5

Resistance sampling point 6 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.17 32C7:11 Resistance 6

Resistance sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.18 32C7:12 Resistance 7

Resistance sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.19 32C7:13 Resistance 8

Resistance sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.7.20 32C7:14 Resistance 9

Resistance sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 19.7.21 32C7:15 Temperature Sensor Id

Id of the temperature sensor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x15
Datatype	ENUM (INT32)
Min. Value	
Default	TemperatureSensorId_NotDefined (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TemperatureSensorId_KTY_83_110
3 (0x03)	TemperatureSensorId_PT100
2 (0x02)	TemperatureSensorId_PT1000
1 (0x01)	TemperatureSensorId_KTY_84_130
0 (0x00)	TemperatureSensorId_NotDefined

## 19.8 32C8:x Motor thermal model

These objects configure the motor thermal model.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.8.1 32C8:01 Motor thermal time constant

This object configures the time constant for the whole motor. If an electronic datasheet is available take "Motor thermal constant" and scale it to seconds.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	540.0
Max. Value	200000.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.8.2 32C8:02 Winding thermal time constant

This object configures the time constant of the copper winding only. If an electronic datasheet is available take "Time constant  $i^2T$ ".

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	20.0
Max. Value	3600.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.8.3 32C8:03 Warning limit

This object shall configure the thermal motor utilization warning limit.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.8.4 32C8:04 Error limit

This object shall configure the thermal motor utilization error limit.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.8.5 32C8:05 Reaction

This object configures the reaction in case reaching the thermal motor utilization error limit.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x05
Datatype	ENUM (INT16)
Min. Value	
Default	No_Reaction (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Reduction
1 (0x01)	Shut_down_on_error_level
0 (0x00)	No_Reaction

### 19.8.6 32C8:06 Partial fraction factor

This object describes the thermal resistor fraction factor of the motor.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	25.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



### 19.8.7 32C8:07 Model type

This object configures the model type for the thermal model.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x07
Datatype	ENUM (INT16)
Min. Value	
Default	Calculation_of_total_winding_losses (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Calculation_of_separate_winding_losses
0 (0x00)	Calculation_of_total_winding_losses

## 19.9 32C9:x Rotor slowdown procedure parameter

This object the parameters for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.9.1 32C9:06 Activation time

This object configures the first phase activation time for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.9.2 32C9:0A Wait time after braking

This object configures the final wait time for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 19.10 32CA:x Motor info

This object contains information about the connected motor.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.10.1 32CA:01 Vendor

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.10.2 32CA:02 Order code

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.10.3 32CA:03 Electric type

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 19.10.4 32CA:04 Serial number

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x04
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 19.10.5 32CA:05 Feedback serial number

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x05
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 19.11 32CC:x Motor inductance characteristic

10 ordered pairs of numbers are describing the saturation of the differential inductance as a function of the torque/force producing current.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.11.1 32CC:01 Current 0

Current sampling point 1 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.2 32CC:02 Current 1

Current sampling point 2 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.3 32CC:03 Current 2

Current sampling point 3 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.4 32CC:04 Current 3

Current sampling point 4 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.5 32CC:05 Current 4

Current sampling point 5 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.6 32CC:06 Current 5

Current sampling point 6 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.7 32CC:07 Current 6

Current sampling point 7 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.8 32CC:08 Current 7

Current sampling point 8 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.9 32CC:09 Current 8

Current sampling point 9 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.10 32CC:0A Current 9

Current sampling point 10 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	8000.0
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.11 32CC:0B Inductance 0

Inductance sampling point 1 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.12 32CC:0C Inductance 1

Inductance sampling point 2 of the Lq(i) curve of the motor.



Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.13 32CC:0D Inductance 2

Inductance sampling point 3 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.14 32CC:0E Inductance 3

Inductance sampling point 4 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.15 32CC:0F Inductance 4

Inductance sampling point 5 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.16 32CC:10 Inductance 5

Inductance sampling point 6 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.17 32CC:11 Inductance 6

Inductance sampling point 7 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.18 32CC:12 Inductance 7

Inductance sampling point 8 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.19 32CC:13 Inductance 8

Inductance sampling point 9 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.11.20 32CC:14 Inductance 9

Inductance sampling point 10 of the Lq(i) curve of the motor.

Description	Value
Index	Motor: 0x32CC (Ch A)/ 0x36CC (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	255.0
Unit	H
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 19.12 32CD:x Commutation offset command

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	Motor: 0x32CD (Ch A)/ 0x36CD (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.12.1 32CD:01 Command

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	Motor: 0x32CD (Ch A)/ 0x36CD (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.12.2 32CD:02 Status

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	Motor: 0x32CD (Ch A)/ 0x36CD (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 19.12.3 32CD:03 Response

With this command object the commutation offset can be measured and feedback checks can be performed.

Description	Value
Index	Motor: 0x32CD (Ch A)/ 0x36CD (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 19.13 32CE:x Commutation offset command parameters

This object contains parameters for commutation offset command.

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.13.1 32CE:01 Static current vector: Method

This object configures the static current vector method.

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	Measure_offset_with_free_movement_check_and_feedback_direction_check (0)
Default	Measure_offset_with_free_movement_check_and_feedback_direction_check (0)
Max. Value	Calibrate_offset_simple (4)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	Calibrate_offset_simple
3 (0x03)	Calibrate_offset_with_free_movement_check_and_feedback_direction_check
2 (0x02)	Measure_offset_simple
1 (0x01)	Check_feedback_direction_and_relative_offset
0 (0x00)	Measure_offset_with_free_movement_check_and_feedback_direction_check

### 19.13.2 32CE:02 Static current vector: Current level

This object configures the static current vector current level per thousand of motor standstill current (0x6075).



Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	1000 (0x03E8)
Max. Value	5000 (0x1388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.13.3 32CE:03 Static current vector: Current slope

This object configures the static current vector current slope in percent per ms based on the motor standstill current (0x6075).

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	10 (0x0000000A)
Default	10000 (0x00002710)
Max. Value	100000 (0x000186A0)
Unit	%/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.13.4 32CE:04 Static current vector: Duration

This object configures the time the constant current vector is applied before the commutation offset is calculated.

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	3.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.13.5 32CE:05 Static current vector: Initial moving distance per pole pair

This object configures the static current vector moving distance per pole pair before commutation offset calibration.

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x05
Datatype	INT32
Min. Value	-36000 (0xFFFF7360)
Default	90 (0x0000005A)
Max. Value	36000 (0x00008CA0)
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.13.6 32CE:06 Static current vector: Test sequence moving distance per pole pair

This object configures the static current vector moving distance per pole pair for the test movement.

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	0
Default	90 (0x005A)
Max. Value	360 (0x0168)
Unit	°
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.13.7 32CE:07 Static current vector: Velocity per pole pair

This object configures the static current vector velocity per pole pair for the test movement.

Description	Value
Index	Motor: 0x32CE (Ch A)/ 0x36CE (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	6 (0x0006)
Default	30 (0x001E)
Max. Value	3600 (0x0E10)
Unit	°/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 19.14 32D1:x Field weakening parameter

This object contains parameters for field weakening operation.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 19.14.1 32D1:01 Mode

This object enables field weakening and configures the field weakening mode.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT16)
Min. Value	Field_weakening_disabled (0)
Default	Field_weakening_disabled (0)
Max. Value	Basic_field_weakening (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Basic_field_weakening
0 (0x00)	Field_weakening_disabled

### 19.14.2 32D1:02 Current ratio

This object configures the maximal field weakening current based on the smaller value of motor and inverter rated current.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	6000 (0x1770)
Max. Value	10000 (0x2710)
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.14.3 32D1:03 Voltage utilization

This object configures the voltage utilization set value in field weakening operation.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	0
Default	9500 (0x251C)
Max. Value	10000 (0x2710)
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.14.4 32D1:04 Integral action time

This object configures the voltage controller integral action time.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0005
Default	0.005
Max. Value	1.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 19.14.5 32D1:05 Max field weakening current

This object shows the maximal field weakening current.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,01 A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 19.15 32DF Motor control mode

This object configures the control mode.

Description	Value
Index	Motor: 0x32DF (Ch A)/ 0x36DF (Ch B)
Subindex	0x00
Datatype	ENUM (UINT16)
Min. Value	
Default	Sm_field_oriented_control_with_feedback (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	SynRm_field_oriented_control_with_feedback
1 (0x01)	Sm_field_oriented_control_with_emf_observer
0 (0x00)	Sm_field_oriented_control_with_feedback

## 19.16 6075 Motor standstill current

This object indicates the motor standstill current ( $I_0$ ). If an electronic datasheet is available "Standstill current" will be read and scaled to mA.

Description	Value
Index	0x6075 (Ch A)/ 0x6875 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mA
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 19.17 6076 Motor standstill force

This object indicates the motor standstill torque ( $M_0$ )/force ( $F_c$ ). If an electronic datasheet of the motor is available "Standstill current" ( $I_0$ ) will be multiplied by the torque constant ( $K_t$ )/( $K_f$ ). The value is scaled to mNm/mN.

Description	Value
Index	0x6076 (Ch A)/ 0x6876 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mN
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 19.18 6080 Max motor speed

This object shall indicate the configured maximal allowed speed for the motor in either direction. It is used to protect the motor and is taken from the motor data sheet.

Description	Value
Index	0x6080 (Ch A)/ 0x6880 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	3000 (0x00000BB8)
Max. Value	
Unit	0,1 $\hat{\mu}$ m/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



## 20 Objects of module AsynchronousMotor

### 20.1 1600:x AsynchronousMotor Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 20.2 16E0:x AsynchronousMotor Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 20.3 1A00:x AsynchronousMotor Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 20.4 1AE0:x AsynchronousMotor Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 20.5 32C0:x Motor parameters

This object contains parameters to configure the connected motor.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	25 (0x19)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.5.1 32C0:01 Configured motor type

This object indicates the configured motor type.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	not set
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.2 32C0:02 Pole pairs

This object indicates the motor pole pairs.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	255 (0x00FF)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.3 32C0:03 Motor peak current

This object configures the motor peak current. If the electronic datasheet of the motor is available take "Peak current".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.4 32C0:04 Motor nominal voltage

This object configures the motor nominal voltage. If the electronic datasheet is available take "Nominal voltage" according to the selected mains voltage.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.5 32C0:05 Motor max voltage

This object configures the motor max voltage. If the electronic datasheet is available take "Max voltage".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.6 32C0:09 Motor warning temperature

This object configures the motor temperature warning threshold. If the electronic datasheet is available take "T motor warn limit".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.7 32C0:0A Motor shut down temperature

This object configures the motor temperature error threshold. If the electronic datasheet is available take "T motor err limit".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	150.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.8 32C0:0B Motor moment of inertia

This object configures the inertia of rotor including brake and encoder. If the electronic datasheet is available take "J motor with brake".

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	kg m <sup>2</sup>
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.9 32C0:0C Motor rated speed

This object indicates the motor calculated speed. Its calculated from the motor parameters.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.10 32C0:0D Motor rated torque

This object configures the motor rated torque at rated speed. If the electronic datasheet is available take "Rated torque" according to the selected mains voltage.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	Nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.11 32C0:0F Motor temperature sensor connection

This object configures the motor temperature sensor type.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x0F
Datatype	ENUM (INT16)
Min. Value	
Default	No_motor_temperature_switch_or_sensor (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
3 (0x03)	Via_feedback_process_data_scaled_in_0_1K
2 (0x02)	Via_motor_cable_and_characteristic_table
1 (0x01)	Via_feedback_process_data_and_characteristic_table
0 (0x00)	No_motor_temperature_switch_or_sensor



### 20.5.12 32C0:10 Motor max voltage slope

This object configures the motor maximum winding voltage slope. If the electronic datasheet is available take "Max winding du/dt" according to the selected mains voltage.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.13 32C0:11 Max motor speed with max torque

see Documentation of AX5000

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	3200.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.14 32C0:12 Motor nominal frequency

This object configures the rated frequency of an induction motor.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x12
Datatype	REAL32
Min. Value	15.0
Default	50.0
Max. Value	
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.15 32C0:13 Motor rotor time constant

This object configures the motor maximum winding voltage slope. If the electronic datasheet is available take "Max winding du/dt" according to the selected mains voltage.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.16 32C0:14 Motor power factor

This object This configures the power factor at rated power of an induction motor.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.8
Max. Value	0.95
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.5.17 32C0:15 Motor magnetizing current

This object configures the rated magnetizing current for an induction motor.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x15
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 20.5.18 32C0:18 Uf control mode

This object configures the used voltage characteristic of the Uf open loop control mode.

Description	Value
Index	Motor: 0x32C0 (Ch A)/ 0x36C0 (Ch B)
Subindex	0x18
Datatype	ENUM (UINT16)
Min. Value	
Default	Uf_MotorParameters_and_Boost (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Uf_characteristic_curve
0 (0x00)	Uf_MotorParameters_and_Boost

## 20.6 32C1:x AsynchronousMotor actual values

This object contains actual values from this module.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	15 (0x0F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.6.1 32C1:01 Actual motor I<sup>2</sup>T current limit

This object is to monitor the thermal motor I<sup>2</sup>T model current limitation. If the estimated I<sup>2</sup>T value exceeds the threshold value the current will be limited to motor I<sub>0</sub> (0x6075).

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	A
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 20.6.2 32C1:02 Thermal motor utilization

This object is to indicate the actual motor utilization.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	%
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 20.6.3 32C1:03 Estimated motor copper losses

Internal value for estimated motor copper losses.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 20.6.4 32C1:04 Estimated motor iron losses

Internal value for estimated motor iron losses.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	W
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 20.6.5 32C1:05 Motor I2T limitation active

This internal state indicates a current reduction due to the thermal motor model.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x05
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	limit_active
0 (0x00)	limit_off

### 20.6.6 32C1:06 Actual motor temperature

This object provides the measured motor winding temperature. It is usually acquired via the motor internal temperature sensor.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	°C
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 20.6.7 32C1:07 VelocityVoltageGain

The Voltage per Velocity Gain.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V/rpm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 20.6.8 32C1:08 Stall protection velocity reduction

This object provides the output value of the stall protection controller.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	rpm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 20.6.9 32C1:09 Acceleration protection acceleration/deceleration reduction limit

This object provides the output value of the acceleration protection controller.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	$x * 1 \text{ } ^\circ/\text{s}^2$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 20.6.10 32C1:0A Slip actual value

This object provides the calculated slip at the actual velocity demand value.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	rpm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 20.6.11 32C1:0C reserved\_2

This object displays if the actual motor commutation offset is valid.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
1 (0x01)	True
0 (0x00)	False

### 20.6.12 32C1:0D Voltage controller demand value

Voltage controller demand voltage value.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 20.6.13 32C1:0E Voltage controller actual value

Voltage controller actual voltage value.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	V
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 20.6.14 32C1:0F reserved\_3

Voltage controller actual voltage value.

Description	Value
Index	Motor: 0x32C1 (Ch A)/ 0x36C1 (Ch B)
Subindex	0x0F
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



## 20.7 32C3:x Motor parameters mappable

This object contains demand values to this module.

Description	Value
Index	Motor: 0x32C3 (Ch A)/ 0x36C3 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.7.1 32C3:01 Boost voltage

This object is used to configure the boost voltage at low speed operation of an induction motor.

Description	Value
Index	Motor: 0x32C3 (Ch A)/ 0x36C3 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	20.0
Max. Value	100.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 20.7.2 32C3:02 Additional voltage scaling factor

This object might be used to reduce the frequency dependent voltage gain.

Description	Value
Index	Motor: 0x32C3 (Ch A)/ 0x36C3 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.01
Default	1.0
Max. Value	1.0
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

### 20.7.3 32C3:03 Voltage offset and gain adjustment

This object might be used to adjust the gain and the offset at standstill of the u/f-curve at the same time.

Description	Value
Index	Motor: 0x32C3 (Ch A)/ 0x36C3 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	100.0
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	Receive
Revision	All

## 20.8 32C4:x Acceleration protection parameters

These objects configure the motor acceleration protection controller.

Description	Value
Index	Motor: 0x32C4 (Ch A)/ 0x36C4 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.8.1 32C4:01 Enable

This object enabled or disables the acceleration protection controller.

Description	Value
Index	Motor: 0x32C4 (Ch A)/ 0x36C4 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	feature_disabled (0)
Default	feature_disabled (0)
Max. Value	feature_enabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

### 20.8.2 32C4:02 Current limit value

This object configures the current limit value to control acceleration of an induction motor.

Description	Value
Index	Motor: 0x32C4 (Ch A)/ 0x36C4 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.8.3 32C4:03 Proportional gain

This object configures the proportional gain of the induction motor acceleration control loop.

Description	Value
Index	Motor: 0x32C4 (Ch A)/ 0x36C4 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	rad/s <sup>2</sup> /A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.8.4 32C4:04 Integration time

This object configures the integral action time of the induction motor acceleration control loop.

Description	Value
Index	Motor: 0x32C4 (Ch A)/ 0x36C4 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.8.5 32C4:05 Lowest acceleration protection acceleration/ deceleration reduction limit

This object provides lower limit for the output value of the acceleration protection controller.

Description	Value
Index	Motor: 0x32C4 (Ch A)/ 0x36C4 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	360.0
Max. Value	
Unit	$x * 1 \text{ }^\circ/\text{s}^2$
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 20.9 32C5:x Stall protection parameters

These objects configure the motor stall protection controller.

Description	Value
Index	Motor: 0x32C5 (Ch A)/ 0x36C5 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.9.1 32C5:01 Enable

This object enabled or disables the stall protection controller.

Description	Value
Index	Motor: 0x32C5 (Ch A)/ 0x36C5 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT8)
Min. Value	feature_disabled (0)
Default	feature_disabled (0)
Max. Value	feature_enabled (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	feature_enabled
0 (0x00)	feature_disabled

### 20.9.2 32C5:02 Current limit value

This object configures the current limit value for the induction motor stall protection control loop.

Description	Value
Index	Motor: 0x32C5 (Ch A)/ 0x36C5 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.9.3 32C5:03 Proportional gain

This object configures the proportional gain of the induction motor stall protection control loop.

Description	Value
Index	Motor: 0x32C5 (Ch A)/ 0x36C5 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	rad/s/A
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.9.4 32C5:04 Integration time

This object configures the integral action time of the induction motor stall protection control loop.

Description	Value
Index	Motor: 0x32C5 (Ch A)/ 0x36C5 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	
Default	0.0
Max. Value	
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 20.10 32C7:x Motor temperature sensor characteristic

This object describes the R(T) curve of the motor winding temperature sensor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	21 (0x15)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.10.1 32C7:01 Temperature 0

Temperature sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.2 32C7:02 Temperature 1

Temperature sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.3 32C7:03 Temperature 2

Temperature sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.4 32C7:04 Temperature 3

Temperature sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.5 32C7:05 Temperature 4

Temperature sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.6 32C7:06 Temperature 5

Temperature sampling point 6 of the R(T) curve of the motor.



Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.7 32C7:07 Temperature 6

Temperature sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.8 32C7:08 Temperature 7

Temperature sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.9 32C7:09 Temperature 8

Temperature sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.10 32C7:0A Temperature 9

Temperature sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	-250.0
Default	0.0
Max. Value	250.0
Unit	°C
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.11 32C7:0B Resistance 0

Resistance sampling point 1 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.12 32C7:0C Resistance 1

Resistance sampling point 2 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.13 32C7:0D Resistance 2

Resistance sampling point 3 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.14 32C7:0E Resistance 3

Resistance sampling point 4 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.15 32C7:0F Resistance 4

Resistance sampling point 5 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.16 32C7:10 Resistance 5

Resistance sampling point 6 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.17 32C7:11 Resistance 6

Resistance sampling point 7 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.18 32C7:12 Resistance 7

Resistance sampling point 8 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.19 32C7:13 Resistance 8

Resistance sampling point 9 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.10.20 32C7:14 Resistance 9

Resistance sampling point 10 of the R(T) curve of the motor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	1.00000E+06
Unit	Ohm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 20.10.21 32C7:15 Temperature Sensor Id

Id of the temperature sensor.

Description	Value
Index	Motor: 0x32C7 (Ch A)/ 0x36C7 (Ch B)
Subindex	0x15
Datatype	ENUM (INT32)
Min. Value	
Default	TemperatureSensorId_NotDefined (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TemperatureSensorId_KTY_83_110
3 (0x03)	TemperatureSensorId_PT100
2 (0x02)	TemperatureSensorId_PT1000
1 (0x01)	TemperatureSensorId_KTY_84_130
0 (0x00)	TemperatureSensorId_NotDefined

## 20.11 32C8:x Motor thermal model

These objects configure the motor thermal model.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.11.1 32C8:01 Motor thermal time constant

This object configures the time constant for the whole motor. If an electronic datasheet is available take "Motor thermal constant" and scale it to seconds.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	540.0
Max. Value	200000.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.11.2 32C8:02 Winding thermal time constant

This object configures the time constant of the copper winding only. If an electronic datasheet is available take "Time constant  $i^2T$ ".

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	20.0
Max. Value	3600.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.11.3 32C8:03 Warning limit

This object shall configure the thermal motor utilization warning limit.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	80.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.11.4 32C8:04 Error limit

This object shall configure the thermal motor utilization error limit.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	100.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.11.5 32C8:05 Reaction

This object configures the reaction in case reaching the thermal motor utilization error limit.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x05
Datatype	ENUM (INT16)
Min. Value	
Default	No_Reaction (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Reduction
1 (0x01)	Shut_down_on_error_level
0 (0x00)	No_Reaction

### 20.11.6 32C8:06 Partial fraction factor

This object describes the thermal resistor fraction factor of the motor.

Description	Value
Index	Motor: 0x32C8 (Ch A)/ 0x36C8 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	25.0
Max. Value	100.0
Unit	%
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



## 20.12 32C9:x Rotor slowdown procedure parameter

This object the parameters for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	10 (0x0A)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.12.1 32C9:01 Available for

This object configures the drive states in which this procedure shall be active.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT16)
Min. Value	Activate_for_error_reaction (0)
Default	Activate_for_error_reaction (0)
Max. Value	Activate_for_error_reaction_and_Uf_control_during_standstill_with_out_time_limitation (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	Activate_for_error_reaction_and_Uf_control_during_standstill_with_out_time_limitation
1 (0x01)	Activate_for_error_reaction_and_Uf_control_during_standstill_with_time_limitation
0 (0x00)	Activate_for_error_reaction

### 20.12.2 32C9:02 Command mode

This object selects the active current level.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT16)
Min. Value	DC_Brake_with_configured_channel_current (0)
Default	DC_Brake_with_configured_channel_current (0)
Max. Value	DC_Brake_with_current_level_from_this_record (2)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	DC_Brake_with_current_level_from_this_record
1 (0x01)	DC_Brake_with_torque_command
0 (0x00)	DC_Brake_with_configured_channel_current

### 20.12.3 32C9:03 Current level

This object configures the current level for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	0
Default	500 (0x01F4)
Max. Value	5000 (0x1388)
Unit	0,1 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.12.4 32C9:04 Current slope

This object configures the current slope for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	200.0
Max. Value	
Unit	A/s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.12.5 32C9:05 Wait time before braking

This object configures the initial wait time for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.12.6 32C9:06 First phase activation time with f=f1

This object configures the first phase activation time for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.1
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.12.7 32C9:07 Rotary field frequency f1

This object configures the rotary field for the first phase of the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	5.0
Max. Value	1000.0
Unit	Hz
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.12.8 32C9:08 Rotor slowdown mode

This object configures the rotor slowdown mode.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x08
Datatype	ENUM (UINT16)
Min. Value	Slowdown_without_changing_the_direction_of_the_rotary_field (0)
Default	Slowdown_without_changing_the_direction_of_the_rotary_field (0)
Max. Value	Slowdown_with_changing_the_direction_of_the_rotary_field (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Slowdown_with_changing_the_direction_of_the_rotary_field
0 (0x00)	Slowdown_without_changing_the_direction_of_the_rotary_field

### 20.12.9 32C9:09 Second phase activation time with f=0Hz

This object configures the second phase activation time for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	1.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.12.10 32C9:0A Wait time after braking

This object configures the final wait time for the rotor slowdown procedure.

Description	Value
Index	Motor: 0x32C9 (Ch A)/ 0x36C9 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	60.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 20.13 32CA:x Motor info

This object contains information about the connected motor.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.13.1 32CA:01 Vendor

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x01
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.13.2 32CA:02 Order code

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.13.3 32CA:03 Electric type

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.13.4 32CA:04 Serial number

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x04
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.13.5 32CA:05 Feedback serial number

This object indicates the connected motor type.

Description	Value
Index	Motor: 0x32CA (Ch A)/ 0x36CA (Ch B)
Subindex	0x05
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 20.14 32D1:x Field weakening parameter

This object contains parameters for field weakening operation.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.14.1 32D1:01 Mode

This object enables field weakening and configures the field weakening mode.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x01
Datatype	ENUM (UINT16)
Min. Value	Open_loop_basic_field_weakening (0)
Default	Open_loop_basic_field_weakening (0)
Max. Value	Closed_loop_basic_field_weakening (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Closed_loop_basic_field_weakening
0 (0x00)	Open_loop_basic_field_weakening

### 20.14.2 32D1:02 Current ratio

This object configures the maximal field weakening current based on the smaller value of motor and inverter rated current.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	0
Default	6000 (0x1770)
Max. Value	10000 (0x2710)
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.14.3 32D1:03 Voltage utilization

This object configures the voltage utilization set value in field weakening operation.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	0
Default	9500 (0x251C)
Max. Value	10000 (0x2710)
Unit	0,01 %
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.14.4 32D1:04 Integral action time

This object configures the voltage controller integral action time.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0005
Default	0.005
Max. Value	1.0
Unit	s
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.14.5 32D1:05 Max field weakening current

This object shows the maximal field weakening current.

Description	Value
Index	Motor: 0x32D1 (Ch A)/ 0x36D1 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,01 A
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



## 20.15 32DF Motor control mode

This object configures the control mode.

Description	Value
Index	Motor: 0x32DF (Ch A)/ 0x36DF (Ch B)
Subindex	0x00
Datatype	ENUM (UINT16)
Min. Value	
Default	Asm_uf_control (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Asm_field_oriented_control_with_feedback
0 (0x00)	Asm_uf_control

## 20.16 6075 Motor standstill current

This object indicates the motor standstill current ( $I_0$ ). If an electronic datasheet is available "Standstill current" will be read and scaled to mA.

Description	Value
Index	0x6075 (Ch A)/ 0x6875 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mA
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 20.17 6076 Motor standstill torque

This object indicates the motor standstill torque ( $M_0$ )/force ( $F_c$ ). If an electronic datasheet of the motor is available "Standstill current" ( $I_0$ ) will be multiplied by the torque constant ( $K_t$ )/( $K_f$ ). The value is scaled to mNm/mN.

Description	Value
Index	0x6076 (Ch A)/ 0x6876 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	0
Default	0
Max. Value	4294967295 (0xFFFFFFFF)
Unit	mNm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 20.18 6080 Max motor speed

This object shall indicate the configured maximal allowed speed for the motor in either direction. It is used to protect the motor and is taken from the motor data sheet.

Description	Value
Index	0x6080 (Ch A)/ 0x6880 (Ch B)
Subindex	0x00
Datatype	UINT32
Min. Value	
Default	3000 (0x00000BB8)
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 20.19 32D2:x Motor voltage characteristic

10 ordered pairs of numbers are describing the voltage output as a function of the output frequency.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	20 (0x14)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 20.19.1 32D2:01 Speed 0

Speed sampling point 1 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x01
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.2 32D2:02 Speed 1

Speed sampling point 2 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x02
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.3 32D2:03 Speed 2

Speed sampling point 3 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x03
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.4 32D2:04 Speed 3

Speed sampling point 4 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x04
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.5 32D2:05 Speed 4

Speed sampling point 5 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x05
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.6 32D2:06 Speed 5

Speed sampling point 6 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x06
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.7 32D2:07 Speed 6

Speed sampling point 7 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x07
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.8 32D2:08 Speed 7

Speed sampling point 8 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x08
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.9 32D2:09 Speed 8

Speed sampling point 9 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.10 32D2:0A Speed 9

Speed sampling point 10 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x0A
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	rpm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.11 32D2:0B Voltage 0

Voltage sampling point 1 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.12 32D2:0C Voltage 1

Voltage sampling point 2 of the V(f) curve of the motor.



Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x0C
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.13 32D2:0D Voltage 2

Voltage sampling point 3 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x0D
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.14 32D2:0E Voltage 3

Voltage sampling point 4 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x0E
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.15 32D2:0F Voltage 4

Voltage sampling point 5 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x0F
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.16 32D2:10 Voltage 5

Voltage sampling point 6 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x10
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.17 32D2:11 Voltage 6

Voltage sampling point 7 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x11
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.18 32D2:12 Voltage 7

Voltage sampling point 8 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x12
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.19 32D2:13 Voltage 8

Voltage sampling point 9 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x13
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 20.19.20 32D2:14 Voltage 9

Voltage sampling point 10 of the V(f) curve of the motor.

Description	Value
Index	Motor: 0x32D2 (Ch A)/ 0x36D2 (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	V
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 21 Objects of module AxisDebug

### 21.1 1600:x AxisDebug Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 21.2 16E0:x AxisDebug Dynamic Outputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 21.3 1A00:x AxisDebug Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

## 21.4 1AE0:x AxisDebug Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 22 Objects of module OCT linear (Hiperface DSL)

### 22.1 1A00:x [SL] OCT linear (Hiperface DSL) Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 22.2 1AE0:x [SL] OCT linear (Hiperface DSL) Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 22.3 32E0:x [SL] OCT: Actual values (linear, Hiperface DSL)

This object contains the actual encoder values which are updated every HpfDSL cycle.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 22.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 22.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 22.3.3 32E0:03 Actual position estimator deviation

The actual possible absolute position deviation calculated while the estimator is active.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	$x * (360/4294967296)^{\circ}$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 22.3.4 32E0:04 Status

Status register of the HpfDsl master IP core wrapper (troubleshooting only).

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 22.3.5 32E0:05 rsvd

This object contains the actual encoder values which are updated every HpfDSL cycle.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 22.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 22.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 22.4 32E1:x [SL] OCT: Encoder info (linear, Hiperface DSL)

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	45 (0x2D)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.1 32E1:01 Interface

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.2 32E1:02 IpCore version

The version of the HpfDsl master IP core. [7..6]: Coding, [5..4]: Major release, [3..0]: Minor release

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.3 32E1:03 Encoder identification part 0

Byte 0 of the designation code of the motor feedback as defined in the HpfDSL protocol specification.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.4 32E1:04 Encoder identification part 1

Byte 1 of the designation code of the motor feedback as defined in the HpfDSL protocol specification.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.5 32E1:05 Encoder identification part 2

Byte 2 of the designation code of the motor feedback as defined in the HpfDSL protocol specification.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.6 32E1:06 Encoder base type

The type of encoder describes the basic functionality of the motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x06
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
8 (0x08)	HF2DSL_No_Encoder_connected
7 (0x07)	HF2DSL_Linear_Encoder_unipolar_counting
6 (0x06)	HF2DSL_Rotary_Encoder_unipolar_counting
5 (0x05)	HF2DSL_Linear_Encoder_bipolar_counting
4 (0x04)	HF2DSL_Rotary_Encoder_bipolar_counting
3 (0x03)	Linear_Encoder_unipolar_counting
2 (0x02)	Rotary_Encoder_unipolar_counting
1 (0x01)	Linear_Encoder_bipolar_counting
0 (0x00)	Rotary_Encoder_bipolar_counting

### 22.4.7 32E1:07 Encoder hardware version

The DSL slave interface hardware version.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.8 32E1:08 rsvd0

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.9 32E1:09 Resolution

The resolution value defines the length of a measurement step in multiples of 1 nm.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x09
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	nm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.10 32E1:0A Range

The measurement range defines the coded measurement range in multiples of measurement steps.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x0A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.11 32E1:0B Base type code name

The type name of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x0B
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.12 32E1:0C Serial number

The serial number of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x0C
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.13 32E1:0D Firmware revision number

The firmware and hardware version of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x0D
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.14 32E1:0E Firmware date

The firmware date of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x0E
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.15 32E1:0F Eeprom size

The total size in byte of non-volatile memory in the encoder available for storage of user data.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x0F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.16 32E1:10 Min permitted encoder temperature

The minimum permitted value for the temperature of the DSL motor feedback system.



Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x10
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.17 32E1:11 Max permitted encoder temperature

The maximum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x11
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.18 32E1:12 rsvd1

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.19 32E1:13 Encoder internal position offset

The current position offset of the DSL motor feedback system stored by the manufacturer. The motor manufacturer usually uses this offset to adjust to commutation position.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x13
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.20 32E1:14 Estimator acceleration

The acceleration value used for position estimation in case of invalid fast positions.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	m/s <sup>2</sup>
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.21 32E1:15 Accepted estimator deviation

The maximum accepted position deviation of the estimator.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x15
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	m
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.22 32E1:16 rsvd2

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x16
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.23 32E1:17 Encoder status 0 (addr 0x40) mask

Byte 0 (addr 0x40) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.24 32E1:18 Encoder status 1 (addr 0x41) mask

Byte 1 (addr 0x41) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.25 32E1:19 Encoder status 2 (addr 0x42) mask

Byte 2 (addr 0x42) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.26 32E1:1A Encoder status 3 (addr 0x43) mask

Byte 3 (addr 0x43) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.27 32E1:1B Encoder status 4 (addr 0x44) mask

Byte 4 (addr 0x44) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.28 32E1:1C Encoder status 5 (addr 0x45) mask

Byte 5 (addr 0x45) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.29 32E1:1D Encoder status 6 (addr 0x46) mask

Byte 6 (addr 0x46) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.30 32E1:1E Encoder status 7 (addr 0x47) mask

Byte 7 (addr 0x47) of the encoder status is cyclically monitored to zero after applying this mask value.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.31 32E1:1F Encoder status 0 (addr 0x40) after power up

Byte 0 (addr 0x40) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.32 32E1:20 Encoder status 1 (addr 0x41) after power up

Byte 1 (addr 0x41) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.33 32E1:21 Encoder status 2 (addr 0x42) after power up

Byte 2 (addr 0x40) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.34 32E1:22 Encoder status 3 (addr 0x43) after power up

Byte 3 (addr 0x43) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.35 32E1:23 Encoder status 4 (addr 0x44) after power up

Byte 4 (addr 0x44) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.36 32E1:24 Encoder status 5 (addr 0x45) after power up

Byte 5 (addr 0x45) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.37 32E1:25 Encoder status 6 (addr 0x46) after power up

Byte 6 (addr 0x46) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.38 32E1:26 Encoder status 7 (addr 0x47) after power up

Byte 7 (addr 0x47) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.39 32E1:27 Encoder index

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x27
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.40 32E1:28 Encoder index status

This object contains a collection of information from the encoder system.



Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x28
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.41 32E1:29 Error log filter

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.42 32E1:2A Safe channel 2 resolution

The resolution value of the safe channel 2.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x2A
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.4.43 32E1:2B rsvd3

This object contains a collection of information from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x2B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 22.4.44 32E1:2C System periods and resolution

RID SPERIOS

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x2C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 22.4.45 32E1:2D Code disk position range

RID AXPOSRNG

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5 32E2:x [SL] OCT: Encoder status (linear, Hiperface DSL)

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	34 (0x22)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.1 32E2:01 Delay register

The run time delay of the system cable and the signal strength. [7..4] RSSI, Received signal strength, [3..0] Cable delay in 100ns

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.2 32E2:02 Master quality monitor

The quality monitoring value for the data connection. [7] Link, [3..0] Quality monitoring value.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.3 32E2:03 Slave received signal strength

Slave Received Signal Strength Indicator. [2..0] Indication of the strength of the signal arriving at the slave.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.4 32E2:04 Edges register

The edge register contains the time control for the DSL cable bit sampling and can be used to monitor the connection quality.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.5 32E2:05 Summary register

The summary register contains the summarized DSL Slave status information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.6 32E2:06 rsvd0

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.7 32E2:07 Encoder temperature

The current temperature of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x07
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.8 32E2:08 Sensor monitor eg LED current

The current value of the product-specific sensor monitoring. In case of optical encoders the LED current is displayed.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 mA
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.9 32E2:09 Supply voltage

The measured supply voltage of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	mV
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.10 32E2:0A Encoder status 0 (addr 0x40)

Byte 0 (addr 0x40) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.11 32E2:0B Encoder status 1 (addr 0x41)

Byte 1 (addr 0x41) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.12 32E2:0C Encoder status 2 (addr 0x42)

Byte 2 (addr 0x42) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.13 32E2:0D Encoder status 3 (addr 0x43)

Byte 3 (addr 0x43) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.14 32E2:0E Encoder status 4 (addr 0x44)

Byte 4 (addr 0x44) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.15 32E2:0F Encoder status 5 (addr 0x45)

Byte 5 (addr 0x45) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.16 32E2:10 Encoder status 6 (addr 0x46)

Byte 6 (addr 0x46) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.17 32E2:11 Encoder status 7 (addr 0x47)

Byte 7 (addr 0x47) of the encoder status registers containing all slave system errors, events and warnings from the DSL encoder.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.18 32E2:12 Operation time

The operating time of the DSL motor feedback system.



Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x12
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**22.5.19 32E2:13 Total shaft turns**

The observed number of shaft rotations of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x13
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**22.5.20 32E2:14 Max occurred position deviation**

The maximum possible absolute position deviation calculated while the estimator is active.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x14
Datatype	REAL32
Min. Value	
Default	
Max. Value	
Unit	m
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**22.5.21 32E2:15 Position deviation limit exceeded**

Signals if the absolute position deviation threshold is exceeded.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.22 32E2:16 rsvd1

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.23 32E2:17 Total VPOS errors

VPOS error counter.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.24 32E2:18 Total ACC errors

ACC error counter.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.25 32E2:19 Total VRT errors

VRT error counter.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x19
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.26 32E2:1A Total POS errors

POS error counter.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.27 32E2:1B Total LINK errors

LINK error counter.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.28 32E2:1C Total encoding errors

8b/10b encoding error counter.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.29 32E2:1D rsvd2

This object contains a collection of status values from the encoder system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.30 32E2:1E Resistance measurement value

Resistance of the temperature sensor connected to the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.31 32E2:1F Parameter channel access counter

Count of the parameter channel read/write requests.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1F
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.32 32E2:20 Parameter channel access error counter

Count of the failed parameter channel read/write requests.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x20
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.33 32E2:21 Remaining life time

The remaining task lifetime of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x21
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.5.34 32E2:22 Code disk position

The current value of the code disc position of bearing-less or kit encoders.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x22
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 22.6 32E3:x [SL] Temperature sensors

This object contains the temperature sensor values.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.6.1 32E3:01 HpfDSL encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value,

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 22.6.2 32E3:02 HpfDSL encoder connected sensor resistance

This object contains the resistance of the encoder connected temperature sensor value,

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 22.6.3 32E3:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value,

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

## 22.6.4 32E3:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value,

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 22.7 32E4:x [SL] OCT: Electronic data sheet (linear, Hiperface DSL)

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.7.1 32E4:01 Data state

Data state of the displayed 'Electronic Data Sheet' data.



Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 22.7.2 32E4:02 Electronic data sheet

The binary data of the electronic data sheet.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 22.8 32E5:x [SL] OCT: Position offset data (linear, Hiperface DSL)

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 22.8.1 32E5:01 Data state

Data state of the displayed 'Position Offset'.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

## 22.8.2 32E5:02 Position offset

The position offset stored in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 22.9 32E6:x [SL] OCT: User data (linear, Hiperface DSL)

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.9.1 32E6:01 Data state

Data state of the displayed 'User Data'.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 22.9.2 32E6:02 User data

The user data string stored in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x02
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 22.10 32E7:x [SL] OCT: Commutation offset data (linear, Hiperface DSL)

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.10.1 32E7:01 Data state

Data state of the displayed 'Commutation Offset'.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 22.10.2 32E7:02 Commutation offset

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,01 °
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 22.11 32E8:x [SL] OCT: Direct encoder access (linear, Hiperface DSL)

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.11.1 32E8:01 Command

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 22.11.2 32E8:02 Status

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 22.11.3 32E8:03 Response

This object provides access to the OCT (Hiperface DSL) protocol layer.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 22.12 32EA:x [SL] OCT: Save user data (linear, Hiperface DSL)

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.12.1 32EA:01 Command

With this command object the user data string can be saved in the encoder file system.



Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 22.12.2 32EA:02 Status

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 22.12.3 32EA:03 Response

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.13 32EB:x [SL] OCT: Save commutation offset (linear, Hiperface DSL)

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 22.13.1 32EB:01 Command

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 22.13.2 32EB:02 Status

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 22.13.3 32EB:03 Response

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 22.14 32EC:x [SL] OCT: Scan connected encoder (linear, Hiperface DSL)

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.14.1 32EC:01 Command

With this command object the type of the connected encoder can be scanned.



Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 22.14.2 32EC:02 Status

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 22.14.3 32EC:03 Response

With this command object the type of the connected encoder can be scanned.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 22.15 32ED:x [SL] OCT: Save electronic data sheet (linear, Hiperface DSL)

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.15.1 32ED:01 Command

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 22.15.2 32ED:02 Status

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 22.15.3 32ED:03 Response

With this command object the electronic data sheet can be saved in the encoder memory.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 22.16 32EF:x [SL] OCT: Encoder parameter (linear, Hiperface DSL)

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	11 (0x0B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.16.1 32EF:01 Connector

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.



Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorHpfDSL_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
0 (0x00)	ConnectorHpfDSL_CorrespondingToDriveChannel

### 22.16.2 32EF:02 Resolution policy

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

### 22.16.3 32EF:03 Resolution

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	nm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 22.16.4 32EF:04 Range policy

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x04
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

### 22.16.5 32EF:05 Range

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 22.16.6 32EF:06 Trace level

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x06
Datatype	ENUM (UINT32)
Min. Value	
Default	FbTraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
14 (0x0E)	FbTraceLevel_VerboseWithLineMonitoringEmcyMsg
13 (0x0D)	FbTraceLevel_InfoWithLineMonitoringEmcyMsg
12 (0x0C)	FbTraceLevel_WarningWithLineMonitoringEmcyMsg
11 (0x0B)	FbTraceLevel_ErrorWithLineMonitoringEmcyMsg
10 (0x0A)	FbTraceLevel_LineMonitoringEmcyMsg
4 (0x04)	FbTraceLevel_Verbose
3 (0x03)	FbTraceLevel_Info
2 (0x02)	FbTraceLevel_Warning
1 (0x01)	FbTraceLevel_Error
0 (0x00)	FbTraceLevel_Off

### 22.16.7 32EF:07 Reserved

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 22.16.8 32EF:08 Status monitoring mask

This object contains not mappable parameters of the OCT linear (Hiperface DSL) module.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x08
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 22.16.9 32EF:09 Customized estimator acceleration

The acceleration value used for position estimation in case of invalid fast positions. If this value is set to 0.0 the internal default value is used. See 'Encoder info'.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x09
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	
Unit	m/s <sup>2</sup>
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 22.16.10 32EF:0A Use customized accepted estimator deviation

Set to 1 if the 'Customized accepted estimator deviation' value should be used. Otherwise the internal default value is used. See 'Encoder info'.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x0A
Datatype	ENUM (UINT8)
Min. Value	No_UseDefault (0)
Default	No_UseDefault (0)
Max. Value	Yes_UseParameterValue (1)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
1 (0x01)	Yes_UseParameterValue
0 (0x00)	No_UseDefault

### 22.16.11 32EF:0B Customized accepted estimator deviation

The maximum accepted position deviation of the estimator. The value may be limited due to internal conditions. See 'Encoder info' for the active value.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x0B
Datatype	REAL32
Min. Value	0.0
Default	0.0
Max. Value	10.0
Unit	m
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 22.17 32F0:x [SL] OCT: Cogging compensation data (linear, Hiperface DSL)

This object contains the content and the state of the cogging compensation data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	2 (0x02)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.17.1 32F0:01 Data state

Data state of the displayed compensation data.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 22.17.2 32F0:02 Compensation data

The binary data of the electronic data sheet.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B)
Subindex	0x02
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 22.18 32FD:x [SL] OCT: sHub info and status (linear, Hiperface DSL)

This object contains a collection of information from the sHub.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	11 (0x0B)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.18.1 32FD:01 Identify IO amount of IOs

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.18.2 32FD:02 Identify IO input 1 specification

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.18.3 32FD:03 Identify IO input 2 specification

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.18.4 32FD:04 Device Type

Version and feature info of the HpfDsl master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.18.5 32FD:05 Base type code name

The type name of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x05
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.18.6 32FD:06 Serial number

The serial number of the encoder stored in ACSII.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x06
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.18.7 32FD:07 Firmware revision number

The firmware and hardware version of the encoder stored in ASCII.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x07
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.18.8 32FD:08 Firmware date

The firmware date of the encoder stored in ASCII.



Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x08
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.18.9 32FD:09 Min permitted temperature

The minimum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x09
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.18.10 32FD:0A Max permitted temperature

The maximum permitted value for the temperature of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x0A
Datatype	INT16
Min. Value	
Default	
Max. Value	
Unit	0,1 °C
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.18.11 32FD:0B Operation time

The operating time of the DSL motor feedback system.

Description	Value
Index	Primary Feedback: 0x32FD (Ch A)/ 0x36FD (Ch B)
Subindex	0x0B
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 22.19 32FE:x [SL] OCT: sHub actual values (linear, Hiperface DSL)

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	Primary Feedback: 0x32FE (Ch A)/ 0x36FE (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	1 (0x01)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 22.19.1 32FE:01 sHubData

This object contains the actual sHub data which are updated every HpfDSL cycle.

Description	Value
Index	Primary Feedback: 0x32FE (Ch A)/ 0x36FE (Ch B)
Subindex	0x01
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 23 Objects of module EnDat 3 rotary

### 23.1 1A00:x [SL] EnDat 3 rotary Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 23.2 1AE0:x [SL] EnDat 3 rotary Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.3 32E0:x [SL] EnDat 3: Actual values (rotary)

Actual values of the EnDat3 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.3.3 32E0:03 rsvd1

Actual values of the EnDat3 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.3.4 32E0:04 Status

Status register of the EnDat motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.3.5 32E0:05 rsvd2

Actual values of the EnDat3 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (360/4294967296)°
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 23.4 32E1:x [SL] EnDat 3: Master info (rotary)

EnDat3 Master info.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.4.1 32E1:01 Interfacelident

Version and feature info of the EnDat3 master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.4.2 32E1:02 IpCore version info

EnDat3 Master info.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.4.3 32E1:03 IpCore instantiation info

EnDat3 Master info.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5 32E2:x [SL] EnDat 3: Slave memory EL (rotary)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 23.5.1 32E2:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.5.2 32E2:02 EL cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.3 32E2:03 EL elSize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.4 32E2:04 EL xeISize

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.5 32E2:05 EL setSize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.6 32E2:06 EL xsetSize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.7 32E2:07 EL lpfsetSize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.8 32E2:08 EL oem1Size

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.9 32E2:09 EL oem2Size

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.10 32E2:0A EL oem3Size

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.11 32E2:0B EL sensorSize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.12 32E2:0C EL IpfliveSize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.13 32E2:0D EL orderDesignation

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0D
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.14 32E2:0E EL xType

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.15 32E2:0F EL manufacturer

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0F
Datatype	ENUM (UINT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
5 (0x05)	ELmanuf_RSF
4 (0x04)	ELmanuf_Numerik_Jena
3 (0x03)	ELmanuf_Leine_Linde
2 (0x02)	ELmanuf_AMO
1 (0x01)	ELmanuf_Heidenhain
0 (0x00)	ELmanuf_NotUsed

### 23.5.16 32E2:10 EL deviceName

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x10
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.17 32E2:11 EL deviceIdent

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x11
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.18 32E2:12 EL deviceSerial

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x12
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.19 32E2:13 EL phyDatarate

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.20 32E2:14 EL timeUnitWrite

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.21 32E2:15 EL protocolFeatures

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x15
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.22 32E2:16 EL supportHpf

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.23 32E2:17 EL memEndurance

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x17
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.24 32E2:18 EL faultId 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.25 32E2:19 EL faultId 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.26 32E2:1A EL faultId 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.27 32E2:1B EL faultId 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.28 32E2:1C EL warnId 0

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.29 32E2:1D EL warnId 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.30 32E2:1E EL warnId 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.5.31 32E2:1F EL warnId 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 23.6 32E3:x [SL] EnDat 3: Slave memory XEL (rotary)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	30 (0x1E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.1 32E3:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.6.2 32E3:02 XEL cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.3 32E3:03 XEL timeHPFout 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.4 32E3:04 XEL timeHPFout 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.5 32E3:05 XEL timeHPFout 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.6 32E3:06 XEL timeHPFout 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.7 32E3:07 XEL timeHPFout 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.8 32E3:08 XEL timeHPFout 5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.9 32E3:09 XEL timeHPFout 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.10 32E3:0A XEL timeHPFout 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.11 32E3:0B XEL encoderType

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x0B
Datatype	ENUM (UINT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	XELencType_linear_inc
3 (0x03)	XELencType_linear_abs
2 (0x02)	XELencType_rotary_inc
1 (0x01)	XELencType_rotary_abs
0 (0x00)	XELencType_Unknown

### 23.6.12 32E3:0C XEL deviceFeature

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x0C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.13 32E3:0D XEL formatPos1Abs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.14 32E3:0E XEL formatPos2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.15 32E3:0F XEL measLength

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.16 32E3:10 XEL analogSignalPeriod

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	step/rev
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.17 32E3:11 XEL refMarkDelta

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.18 32E3:12 XEL Aux

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.19 32E3:13 XEL maxSpeedMech

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	10 kg m <sup>2</sup> /min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.20 32E3:14 XEL maxSpeedData

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	10 kg m <sup>2</sup> /min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.21 32E3:15 XEL maxTempMech

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.22 32E3:16 XEL fidMountAddresses

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x16
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.23 32E3:17 XEL fidEvalnumSupport

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.24 32E3:18 XEL safetyBits

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.25 32E3:19 XEL lowerLimitPos

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x19
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.26 32E3:1A XEL upperLimitPos

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x1A
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.27 32E3:1B XEL offsetPosFS

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x1B
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.28 32E3:1C XEL numSafePosBits

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.29 32E3:1D XEL safetyCsPos1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x1D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.6.30 32E3:1E XEL deviceSpecific

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x1E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 23.7 32E4:x [SL] EnDat 3: Slave memory SENSORS (rotary)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.1 32E4:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.7.2 32E4:02 support 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.3 32E4:03 support 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.4 32E4:04 support 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.5 32E4:05 support 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.6 32E4:06 support 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.7 32E4:07 support 5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.8 32E4:08 support 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.9 32E4:09 support 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.10 32E4:0A support 8

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.11 32E4:0B support 9

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.12 32E4:0C support 10

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.13 32E4:0D support 11

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.14 32E4:0E support 12

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.15 32E4:0F support 13

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.16 32E4:10 support 14

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.7.17 32E4:11 support 15

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 23.8 32E5:x [SL] EnDat 3: Slave memory SET (rotary)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	52 (0x34)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.1 32E5:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.8.2 32E5:02 cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.3 32E5:03 sel Hpf

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.4 32E5:04 bus Address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.5 32E5:05 axis Address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.6 32E5:06 fds Safety Info En

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.7 32E5:07 fds Init Cnt

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.8 32E5:08 fds Repeat Cnt

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.9 32E5:09 format Sensor 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.10 32E5:0A format Sensor 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.11 32E5:0B format Sensor 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.12 32E5:0C format Sensor 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.13 32E5:0D format Sensor 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.14 32E5:0E format Sensor 5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.15 32E5:0F format Sensor 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.16 32E5:10 format Sensor 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.17 32E5:11 format Sensor 8

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.18 32E5:12 format Sensor 9

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.19 32E5:13 format Sensor 10

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**23.8.20 32E5:14 format Sensor 11**

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**23.8.21 32E5:15 format Sensor 12**

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

**23.8.22 32E5:16 format Sensor 13**

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.23 32E5:17 format Sensor 14

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.24 32E5:18 format Sensor 15

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.25 32E5:19 actual Sensor 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.26 32E5:1A actual Sensor 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.27 32E5:1B actual Sensor 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.28 32E5:1C actual Sensor 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.29 32E5:1D actual Sensor 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.30 32E5:1E actual Sensor 5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.31 32E5:1F actual Sensor 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.32 32E5:20 actual Sensor 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.33 32E5:21 actual Sensor 8

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.34 32E5:22 actual Sensor 9

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.35 32E5:23 actual Sensor 10

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.36 32E5:24 actual Sensor 11

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.37 32E5:25 actual Sensor 12

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.38 32E5:26 actual Sensor 13

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.39 32E5:27 actual Sensor 14

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.40 32E5:28 actual Sensor 15

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.41 32E5:29 device Specific 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.42 32E5:2A device Specific 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.43 32E5:2B device Specific 2

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.44 32E5:2C device Specific 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.45 32E5:2D free to use 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.46 32E5:2E free to use 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.47 32E5:2F free to use 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.48 32E5:30 free to use 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.49 32E5:31 free to use 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.50 32E5:32 free to use 5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.51 32E5:33 free to use 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.8.52 32E5:34 free to use 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 23.9 32E6:x [SL] EnDat 3: Slave memory XSET (rotary)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.9.1 32E6:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.9.2 32E6:02 cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.9.3 32E6:03 offset Pos

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x03
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.9.4 32E6:04 safety Cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.9.5 32E6:05 temp Warn Level

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 23.10 32E7:x [SL] EnDat 3: Slave memory LPFSET (rotary)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.1 32E7:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.10.2 32E7:02 cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.3 32E7:03 ptr to list 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.4 32E7:04 ptr to list 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.5 32E7:05 ptr to list 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.6 32E7:06 ptr to list 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.7 32E7:07 ptr to list 5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.8 32E7:08 ptr to list 6

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.9 32E7:09 ptr to list 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.10 32E7:0A xdim1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.11 32E7:0B ydim1 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.12 32E7:0C xdim2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.13 32E7:0D ydim2 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.14 32E7:0E xdim3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.15 32E7:0F ydim3 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.16 32E7:10 xdim4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.17 32E7:11 ydim4 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.18 32E7:12 xdim5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.19 32E7:13 ydim5 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.20 32E7:14 xdim6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.21 32E7:15 ydim6 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.22 32E7:16 xdim7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.23 32E7:17 ydim7 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.10.24 32E7:18 FID memory

Content of the FID memory

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x18
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11 32E8:x [SL] EnDat 3: Slave memory LPFLIVE (rotary)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 23.11.1 32E8:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.11.2 32E8:02 cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.3 32E8:03 ptr to list 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.4 32E8:04 ptr to list 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.5 32E8:05 ptr to list 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.6 32E8:06 ptr to list 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.7 32E8:07 ptr to list 5

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.8 32E8:08 ptr to list 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.9 32E8:09 ptr to list 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.10 32E8:0A xdim1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.11 32E8:0B ydim1 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.12 32E8:0C xdim2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.13 32E8:0D ydim2 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.14 32E8:0E xdim3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.15 32E8:0F ydim3 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.16 32E8:10 xdim4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.17 32E8:11 ydim4 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.18 32E8:12 xdim5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.19 32E8:13 ydim5 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.20 32E8:14 xdim6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.21 32E8:15 ydim6 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.22 32E8:16 xdim7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.23 32E8:17 ydim7 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.11.24 32E8:18 FID memory

Content of the FID memory

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x18
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 23.12 32E9:x [SL] EnDat 3: Slave status LPF data (rotary)

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	96 (0x60)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.12.1 32E9:01 LPF 0 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.2 32E9:02 LPF 0 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 23.12.3 32E9:03 LPF 0 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 23.12.4 32E9:04 LPF 0 timestamp

LPF content



Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.5 32E9:05 LPF 0 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.6 32E9:06 LPF 0 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x06
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.7 32E9:07 LPF 1 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.8 32E9:08 LPF 1 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x08
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 23.12.9 32E9:09 LPF 1 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x09
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 23.12.10 32E9:0A LPF 1 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.11 32E9:0B LPF 1 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.12 32E9:0C LPF 1 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x0C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.13 32E9:0D LPF 2 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.14 32E9:0E LPF 2 FID**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x0E
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 23.12.15 32E9:0F LPF 2 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x0F
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 23.12.16 32E9:10 LPF 2 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.17 32E9:11 LPF 2 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.18 32E9:12 LPF 2 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x12
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.19 32E9:13 LPF 3 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.20 32E9:14 LPF 3 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x14
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

**23.12.21 32E9:15 LPF 3 data state**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x15
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

**23.12.22 32E9:16 LPF 3 timestamp**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.23 32E9:17 LPF 3 error counter**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



**23.12.24 32E9:18 LPF 3 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x18
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.25 32E9:19 LPF 4 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.26 32E9:1A LPF 4 FID**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x1A
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 23.12.27 32E9:1B LPF 4 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x1B
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 23.12.28 32E9:1C LPF 4 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.29 32E9:1D LPF 4 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.30 32E9:1E LPF 4 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x1E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.31 32E9:1F LPF 5 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.32 32E9:20 LPF 5 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x20
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 23.12.33 32E9:21 LPF 5 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x21
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 23.12.34 32E9:22 LPF 5 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.35 32E9:23 LPF 5 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.36 32E9:24 LPF 5 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x24
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.37 32E9:25 LPF 6 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.38 32E9:26 LPF 6 FID**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x26
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 23.12.39 32E9:27 LPF 6 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x27
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 23.12.40 32E9:28 LPF 6 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.41 32E9:29 LPF 6 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.42 32E9:2A LPF 6 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x2A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.43 32E9:2B LPF 7 bus address

LPF content



Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.44 32E9:2C LPF 7 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x2C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

**23.12.45 32E9:2D LPF 7 data state**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x2D
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

**23.12.46 32E9:2E LPF 7 timestamp**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.47 32E9:2F LPF 7 error counter**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.48 32E9:30 LPF 7 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x30
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.49 32E9:31 LPF 8 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.50 32E9:32 LPF 8 FID**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x32
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 23.12.51 32E9:33 LPF 8 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x33
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 23.12.52 32E9:34 LPF 8 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.53 32E9:35 LPF 8 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.54 32E9:36 LPF 8 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x36
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.55 32E9:37 LPF 9 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.56 32E9:38 LPF 9 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x38
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 23.12.57 32E9:39 LPF 9 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x39
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 23.12.58 32E9:3A LPF 9 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.59 32E9:3B LPF 9 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.60 32E9:3C LPF 9 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x3C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.61 32E9:3D LPF 10 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.62 32E9:3E LPF 10 FID**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x3E
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 23.12.63 32E9:3F LPF 10 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x3F
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 23.12.64 32E9:40 LPF 10 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.65 32E9:41 LPF 10 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.66 32E9:42 LPF 10 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x42
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.67 32E9:43 LPF 11 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.68 32E9:44 LPF 11 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x44
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

**23.12.69 32E9:45 LPF 11 data state**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x45
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

**23.12.70 32E9:46 LPF 11 timestamp**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.71 32E9:47 LPF 11 error counter**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.72 32E9:48 LPF 11 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x48
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.73 32E9:49 LPF 12 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.74 32E9:4A LPF 12 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x4A
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 23.12.75 32E9:4B LPF 12 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x4B
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 23.12.76 32E9:4C LPF 12 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.77 32E9:4D LPF 12 error counter**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.78 32E9:4E LPF 12 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x4E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.79 32E9:4F LPF 13 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.80 32E9:50 LPF 13 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x50
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP



### 23.12.81 32E9:51 LPF 13 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x51
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 23.12.82 32E9:52 LPF 13 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.83 32E9:53 LPF 13 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.84 32E9:54 LPF 13 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x54
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.85 32E9:55 LPF 14 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.86 32E9:56 LPF 14 FID**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x56
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 23.12.87 32E9:57 LPF 14 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x57
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 23.12.88 32E9:58 LPF 14 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.89 32E9:59 LPF 14 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.90 32E9:5A LPF 14 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x5A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.91 32E9:5B LPF 15 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.92 32E9:5C LPF 15 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x5C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

**23.12.93 32E9:5D LPF 15 data state**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x5D
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

**23.12.94 32E9:5E LPF 15 timestamp**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**23.12.95 32E9:5F LPF 15 error counter**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.12.96 32E9:60 LPF 15 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x60
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.13 32EA:x [SL] Temperature sensors

Temperature sensor values.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 23.13.1 32EA:01 EnDat3 encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 23.13.2 32EA:02 EnDat3 encoder connected sensor temperature

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.13.3 32EA:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 23.13.4 32EA:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



## 23.14 32EB:x [SL] EnDat 3: Electronic data sheet (rotary)

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.14.1 32EB:01 Selected slave address

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.14.2 32EB:02 Data state

Data state of the displayed 'Electronic Data Sheet' data.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 23.14.3 32EB:03 Electronic data sheet

The binary data of the electronic data sheet.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.15 32EC:x [SL] EnDat 3: Position offset data (rotary)

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 23.15.1 32EC:01 Selected slave address

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

#### 23.15.2 32EC:02 Data state

Data state of the displayed 'Position Offset'.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 23.15.3 32EC:03 Position offset

The position offset stored in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x03
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.16 32ED:x [SL] EnDat 3: User data (rotary)

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.16.1 32ED:01 Selected slave address

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.16.2 32ED:02 Data state

Data state of the displayed 'User Data'.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 23.16.3 32ED:03 User data

The user data string stored in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 23.17 32EF:x [SL] EnDat 3: Commutation offset data (rotary)

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.17.1 32EF:01 Selected slave address

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.17.2 32EF:02 Data state

Data state of the displayed 'Commutation Offset'.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 23.17.3 32EF:03 Commutation offset

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,01 °
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 23.18 32F0:x [SL] EnDat 3: Cogging compensation data (rotary)

This object contains the content and the state of the cogging compensation data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.18.1 32F0:01 Selected slave address

This object contains the content and the state of the cogging compensation data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.18.2 32F0:02 Data state

Data state of the displayed compensation data.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 23.18.3 32F0:03 Compensation data

The binary data of the electronic data sheet.

Description	Value
Index	Primary Feedback: 0x32F0 (Ch A)/ 0x36F0 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 23.19 32F1:x [SL] EnDat 3: Direct encoder access (rotary)

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	Primary Feedback: 0x32F1 (Ch A)/ 0x36F1 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.19.1 32F1:01 Command

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	Primary Feedback: 0x32F1 (Ch A)/ 0x36F1 (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.19.2 32F1:02 Status

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	Primary Feedback: 0x32F1 (Ch A)/ 0x36F1 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 23.19.3 32F1:03 Response

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	Primary Feedback: 0x32F1 (Ch A)/ 0x36F1 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.20 32F3:x [SL] EnDat 3: Save user data (rotary)

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F3 (Ch A)/ 0x36F3 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 23.20.1 32F3:01 Command

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F3 (Ch A)/ 0x36F3 (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.20.2 32F3:02 Status

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F3 (Ch A)/ 0x36F3 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 23.20.3 32F3:03 Response

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F3 (Ch A)/ 0x36F3 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.21 32F4:x [SL] EnDat 3: Save commutation offset (rotary)

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F4 (Ch A)/ 0x36F4 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 23.21.1 32F4:01 Command

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F4 (Ch A)/ 0x36F4 (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.21.2 32F4:02 Status

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F4 (Ch A)/ 0x36F4 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 23.21.3 32F4:03 Response

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F4 (Ch A)/ 0x36F4 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.22 32F5:x [SL] EnDat 3: Scan connected encoder (rotary)

CoE command to check if a rotary Endat3.0 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32F5 (Ch A)/ 0x36F5 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 23.22.1 32F5:01 Command

CoE command to check if a rotary Endat3.0 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32F5 (Ch A)/ 0x36F5 (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.22.2 32F5:02 Status

CoE command to check if a rotary Endat3.0 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32F5 (Ch A)/ 0x36F5 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 23.22.3 32F5:03 Response

CoE command to check if a rotary Endat3.0 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32F5 (Ch A)/ 0x36F5 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.23 32FB:x [SL] EnDat 3: Additional status (rotary)

Additional internal status

Description	Value
Index	Primary Feedback: 0x32FB (Ch A)/ 0x36FB (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 23.23.1 32FB:01 Slave line error count

Additional internal status

Description	Value
Index	Primary Feedback: 0x32FB (Ch A)/ 0x36FB (Ch B)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.23.2 32FB:02 Master line error count

Additional internal status

Description	Value
Index	Primary Feedback: 0x32FB (Ch A)/ 0x36FB (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 23.23.3 32FB:03 Total extrapolation count

Additional internal status

Description	Value
Index	Primary Feedback: 0x32FB (Ch A)/ 0x36FB (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 23.24 32FC:x [SL] EnDat 3: Encoder parameter (rotary)

EnDat3 encoder parameter.



Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 23.24.1 32FC:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorFront_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ConnectorFront_D_Sub_Right
1 (0x01)	ConnectorFront_D_Sub_Left
0 (0x00)	ConnectorFront_CorrespondingToDriveChannel

### 23.24.2 32FC:02 Measuring steps per revolution policy

EnDat3 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

### 23.24.3 32FC:03 Measuring steps per revolution

EnDat3 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.24.4 32FC:04 Number of distinguishable revolutions policy

EnDat3 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x04
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

### 23.24.5 32FC:05 Number of distinguishable revolutions

EnDat3 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 23.24.6 32FC:06 Trace level

EnDat3 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x06
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

### 23.24.7 32FC:07 Settings

Bit 0..2 are used to disable individual encoder parameter checks! (0: Force max calc time to 10us, 1: Ignore incompatible ordering designation, 2: Ignore max clock frequency)

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

**23.24.8 32FC:08 Max position extrapolation cycles**

Max number of position extrapolation cycles

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	3 (0x0003)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 24 Objects of module EnDat 3 linear

### 24.1 1A00:x [SL] EnDat 3 linear Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw / PreOp
PDO Mapping	
Revision	All

### 24.2 1AE0:x [SL] EnDat 3 linear Dynamic Inputs

see ETG.1000.6 EtherCAT specification - CoE

Description	Value
Index	
Subindex	0x00
Datatype	PDO_MAPPING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.3 32E0:x [SL] EnDat 3: Actual values (linear)

Actual values of the EnDat3 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	7 (0x07)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.3.1 32E0:01 Position

The actual position value of the motor feedback system with considered overflows and polarity settings.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x01
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (1/256)nm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.3.2 32E0:02 Raw position

This object contains the raw position value from the encoder.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x02
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	x * (1/256)nm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.3.3 32E0:03 rsvd1

Actual values of the EnDat3 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.3.4 32E0:04 Status

Status register of the EnDat motor feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.3.5 32E0:05 rsvd2

Actual values of the EnDat3 feedback system.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.3.6 32E0:06 Valid

Valid flag for the position and the raw position value.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.3.7 32E0:07 Internal scaled position

This object indicates the electrical commutation angle for the space vector modulation.

Description	Value
Index	Primary Feedback: 0x32E0 (Ch A)/ 0x36E0 (Ch B)
Subindex	0x07
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	$x * (1/256)\text{nm}$
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 24.4 32E1:x [SL] EnDat 3: Master info (linear)

EnDat3 Master info.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.4.1 32E1:01 Interfacelident

Version and feature info of the EnDat3 master IP core wrapper.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x01
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.4.2 32E1:02 IpCore version info

EnDat3 Master info.



Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.4.3 32E1:03 IpCore instantiation info

EnDat3 Master info.

Description	Value
Index	Primary Feedback: 0x32E1 (Ch A)/ 0x36E1 (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5 32E2:x [SL] EnDat 3: Slave memory EL (linear)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	31 (0x1F)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 24.5.1 32E2:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 24.5.2 32E2:02 EL cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 24.5.3 32E2:03 EL elSize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 24.5.4 32E2:04 EL xeISize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.5 32E2:05 EL setSize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.6 32E2:06 EL xsetSize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.7 32E2:07 EL lpfsetSize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.8 32E2:08 EL oem1Size

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.9 32E2:09 EL oem2Size

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.10 32E2:0A EL oem3Size

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.11 32E2:0B EL sensorSize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.12 32E2:0C EL IpfliveSize

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.13 32E2:0D EL orderDesignation

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0D
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.14 32E2:0E EL xType

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.15 32E2:0F EL manufacturer

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x0F
Datatype	ENUM (UINT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
5 (0x05)	ELmanuf_RSF
4 (0x04)	ELmanuf_Numerik_Jena
3 (0x03)	ELmanuf_Leine_Linde
2 (0x02)	ELmanuf_AMO
1 (0x01)	ELmanuf_Heidenhain
0 (0x00)	ELmanuf_NotUsed

### 24.5.16 32E2:10 EL deviceName

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x10
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.17 32E2:11 EL deviceIdent

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x11
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.18 32E2:12 EL deviceSerial

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x12
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.19 32E2:13 EL phyDatarate

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.20 32E2:14 EL timeUnitWrite

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.21 32E2:15 EL protocolFeatures

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x15
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.22 32E2:16 EL supportHpf

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x16
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.23 32E2:17 EL memEndurance

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x17
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.24 32E2:18 EL faultId 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.25 32E2:19 EL faultId 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.26 32E2:1A EL faultId 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.27 32E2:1B EL faultId 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.28 32E2:1C EL warnId 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.29 32E2:1D EL warnId 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.30 32E2:1E EL warnId 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.5.31 32E2:1F EL warnId 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E2 (Ch A)/ 0x36E2 (Ch B)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 24.6 32E3:x [SL] EnDat 3: Slave memory XEL (linear)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	30 (0x1E)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.1 32E3:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.6.2 32E3:02 XEL cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.3 32E3:03 XEL timeHPFout 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.4 32E3:04 XEL timeHPFout 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.5 32E3:05 XEL timeHPFout 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.6 32E3:06 XEL timeHPFout 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.7 32E3:07 XEL timeHPFout 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.8 32E3:08 XEL timeHPFout 5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.9 32E3:09 XEL timeHPFout 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.10 32E3:0A XEL timeHPFout 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x0A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.11 32E3:0B XEL encoderType

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x0B
Datatype	ENUM (UINT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	XELencType_linear_inc
3 (0x03)	XELencType_linear_abs
2 (0x02)	XELencType_rotary_inc
1 (0x01)	XELencType_rotary_abs
0 (0x00)	XELencType_Unknown

### 24.6.12 32E3:0C XEL deviceFeature

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x0C
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.13 32E3:0D XEL formatPos1Abs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x0D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All



### 24.6.14 32E3:0E XEL formatPos2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x0E
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.15 32E3:0F XEL measLength

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x0F
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.16 32E3:10 XEL analogSignalPeriod

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x10
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	nm
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.17 32E3:11 XEL refMarkDelta

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	step
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.18 32E3:12 XEL Aux

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x12
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.19 32E3:13 XEL maxSpeedMech

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x13
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	m/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.20 32E3:14 XEL maxSpeedData

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x14
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	m/min
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.21 32E3:15 XEL maxTempMech

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x15
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.22 32E3:16 XEL fidMountAddresses

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x16
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.23 32E3:17 XEL fidEvalnumSupport

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.24 32E3:18 XEL safetyBits

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x18
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.25 32E3:19 XEL lowerLimitPos

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x19
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.26 32E3:1A XEL upperLimitPos

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x1A
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.27 32E3:1B XEL offsetPosFS

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x1B
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.28 32E3:1C XEL numSafePosBits

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x1C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.29 32E3:1D XEL safetyCsPos1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x1D
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.6.30 32E3:1E XEL deviceSpecific

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E3 (Ch A)/ 0x36E3 (Ch B)
Subindex	0x1E
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 24.7 32E4:x [SL] EnDat 3: Slave memory SENSORS (linear)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	17 (0x11)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.1 32E4:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.7.2 32E4:02 support 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x02
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.3 32E4:03 support 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x03
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.4 32E4:04 support 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.5 32E4:05 support 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x05
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.6 32E4:06 support 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x06
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.7 32E4:07 support 5

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.8 32E4:08 support 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x08
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.9 32E4:09 support 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.10 32E4:0A support 8

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.11 32E4:0B support 9

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.12 32E4:0C support 10

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.13 32E4:0D support 11

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.14 32E4:0E support 12

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.15 32E4:0F support 13

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.16 32E4:10 support 14

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.7.17 32E4:11 support 15

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E4 (Ch A)/ 0x36E4 (Ch B)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 24.8 32E5:x [SL] EnDat 3: Slave memory SET (linear)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	52 (0x34)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.1 32E5:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.8.2 32E5:02 cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.3 32E5:03 sel Hpf

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.4 32E5:04 bus Address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.5 32E5:05 axis Address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.6 32E5:06 fds Safety Info En

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.7 32E5:07 fds Init Cnt

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.8 32E5:08 fds Repeat Cnt

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.9 32E5:09 format Sensor 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x09
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.10 32E5:0A format Sensor 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.11 32E5:0B format Sensor 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.12 32E5:0C format Sensor 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.13 32E5:0D format Sensor 4

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.14 32E5:0E format Sensor 5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.15 32E5:0F format Sensor 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.16 32E5:10 format Sensor 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.17 32E5:11 format Sensor 8

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.18 32E5:12 format Sensor 9

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.19 32E5:13 format Sensor 10

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.20 32E5:14 format Sensor 11

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.21 32E5:15 format Sensor 12

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.22 32E5:16 format Sensor 13

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.23 32E5:17 format Sensor 14

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.24 32E5:18 format Sensor 15

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x18
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.25 32E5:19 actual Sensor 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.26 32E5:1A actual Sensor 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x1A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.27 32E5:1B actual Sensor 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x1B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.28 32E5:1C actual Sensor 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.29 32E5:1D actual Sensor 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x1D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.30 32E5:1E actual Sensor 5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x1E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.31 32E5:1F actual Sensor 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.32 32E5:20 actual Sensor 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x20
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.33 32E5:21 actual Sensor 8

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x21
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.34 32E5:22 actual Sensor 9

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.35 32E5:23 actual Sensor 10

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x23
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.36 32E5:24 actual Sensor 11

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x24
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.37 32E5:25 actual Sensor 12

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.38 32E5:26 actual Sensor 13

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x26
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.39 32E5:27 actual Sensor 14

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x27
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.40 32E5:28 actual Sensor 15

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.41 32E5:29 device Specific 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.42 32E5:2A device Specific 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x2A
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.43 32E5:2B device Specific 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x2B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.44 32E5:2C device Specific 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x2C
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.45 32E5:2D free to use 0

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x2D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.46 32E5:2E free to use 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x2E
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 24.8.47 32E5:2F free to use 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 24.8.48 32E5:30 free to use 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x30
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 24.8.49 32E5:31 free to use 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x31
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.50 32E5:32 free to use 5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x32
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.51 32E5:33 free to use 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x33
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.8.52 32E5:34 free to use 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E5 (Ch A)/ 0x36E5 (Ch B)
Subindex	0x34
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 24.9 32E6:x [SL] EnDat 3: Slave memory XSET (linear)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	5 (0x05)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.9.1 32E6:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.9.2 32E6:02 cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.9.3 32E6:03 offset Pos

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x03
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.9.4 32E6:04 safety Cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.9.5 32E6:05 temp Warn Level

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E6 (Ch A)/ 0x36E6 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 24.10 32E7:x [SL] EnDat 3: Slave memory LPFSET (linear)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.1 32E7:01 Selected slave address

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.10.2 32E7:02 cs

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.3 32E7:03 ptr to list 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.4 32E7:04 ptr to list 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.5 32E7:05 ptr to list 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.6 32E7:06 ptr to list 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.7 32E7:07 ptr to list 5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.8 32E7:08 ptr to list 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.9 32E7:09 ptr to list 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.10 32E7:0A xdim1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.11 32E7:0B ydim1 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.12 32E7:0C xdim2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.13 32E7:0D ydim2 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.14 32E7:0E xdim3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.15 32E7:0F ydim3 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.16 32E7:10 xdim4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.17 32E7:11 ydim4 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.18 32E7:12 xdim5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.19 32E7:13 ydim5 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.20 32E7:14 xdim6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.21 32E7:15 ydim6 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.22 32E7:16 xdim7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.23 32E7:17 ydim7 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.10.24 32E7:18 FID memory

Content of the FID memory

Description	Value
Index	Primary Feedback: 0x32E7 (Ch A)/ 0x36E7 (Ch B)
Subindex	0x18
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 24.11 32E8:x [SL] EnDat 3: Slave memory LPFLIVE (linear)

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	24 (0x18)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.1 32E8:01 Selected slave address

Detailed encoder information.



Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.11.2 32E8:02 cs

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.3 32E8:03 ptr to list 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.4 32E8:04 ptr to list 2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x04
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.5 32E8:05 ptr to list 3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.6 32E8:06 ptr to list 4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x06
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.7 32E8:07 ptr to list 5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x07
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.8 32E8:08 ptr to list 6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.9 32E8:09 ptr to list 7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x09
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.10 32E8:0A xdim1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.11 32E8:0B ydim1 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x0B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.12 32E8:0C xdim2

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x0C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.13 32E8:0D ydim2 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.14 32E8:0E xdim3

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x0E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.15 32E8:0F ydim3 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x0F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.16 32E8:10 xdim4

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.17 32E8:11 ydim4 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x11
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.18 32E8:12 xdim5

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x12
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.19 32E8:13 ydim5 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.20 32E8:14 xdim6

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x14
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.21 32E8:15 ydim6 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x15
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.22 32E8:16 xdim7

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.23 32E8:17 ydim7 minus 1

Detailed encoder information.

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x17
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.11.24 32E8:18 FID memory

Content of the FID memory

Description	Value
Index	Primary Feedback: 0x32E8 (Ch A)/ 0x36E8 (Ch B)
Subindex	0x18
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 24.12 32E9:x [SL] EnDat 3: Slave status LPF data (linear)

LPF content



Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	96 (0x60)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.12.1 32E9:01 LPF 0 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.2 32E9:02 LPF 0 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 24.12.3 32E9:03 LPF 0 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x03
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 24.12.4 32E9:04 LPF 0 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x04
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.5 32E9:05 LPF 0 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x05
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.6 32E9:06 LPF 0 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x06
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.7 32E9:07 LPF 1 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x07
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 24.12.8 32E9:08 LPF 1 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x08
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 24.12.9 32E9:09 LPF 1 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x09
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 24.12.10 32E9:0A LPF 1 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x0A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.11 32E9:0B LPF 1 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x0B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.12 32E9:0C LPF 1 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x0C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.13 32E9:0D LPF 2 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x0D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.14 32E9:0E LPF 2 FID**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x0E
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 24.12.15 32E9:0F LPF 2 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x0F
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 24.12.16 32E9:10 LPF 2 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x10
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.17 32E9:11 LPF 2 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x11
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.18 32E9:12 LPF 2 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x12
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.19 32E9:13 LPF 3 bus address

LPF content



Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x13
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.20 32E9:14 LPF 3 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x14
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

**24.12.21 32E9:15 LPF 3 data state**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x15
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

**24.12.22 32E9:16 LPF 3 timestamp**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x16
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.23 32E9:17 LPF 3 error counter**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x17
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.24 32E9:18 LPF 3 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x18
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.25 32E9:19 LPF 4 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x19
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.26 32E9:1A LPF 4 FID**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x1A
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 24.12.27 32E9:1B LPF 4 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x1B
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 24.12.28 32E9:1C LPF 4 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x1C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.29 32E9:1D LPF 4 error counter**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x1D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.30 32E9:1E LPF 4 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x1E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.31 32E9:1F LPF 5 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x1F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.32 32E9:20 LPF 5 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x20
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 24.12.33 32E9:21 LPF 5 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x21
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 24.12.34 32E9:22 LPF 5 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x22
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.35 32E9:23 LPF 5 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x23
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.36 32E9:24 LPF 5 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x24
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.37 32E9:25 LPF 6 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x25
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.38 32E9:26 LPF 6 FID**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x26
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 24.12.39 32E9:27 LPF 6 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x27
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 24.12.40 32E9:28 LPF 6 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x28
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

#### 24.12.41 32E9:29 LPF 6 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x29
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

#### 24.12.42 32E9:2A LPF 6 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x2A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

#### 24.12.43 32E9:2B LPF 7 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x2B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.44 32E9:2C LPF 7 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x2C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

**24.12.45 32E9:2D LPF 7 data state**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x2D
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

**24.12.46 32E9:2E LPF 7 timestamp**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x2E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.47 32E9:2F LPF 7 error counter**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x2F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.48 32E9:30 LPF 7 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x30
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.49 32E9:31 LPF 8 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x31
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.50 32E9:32 LPF 8 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x32
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 24.12.51 32E9:33 LPF 8 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x33
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 24.12.52 32E9:34 LPF 8 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x34
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.53 32E9:35 LPF 8 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x35
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.54 32E9:36 LPF 8 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x36
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.55 32E9:37 LPF 9 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x37
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 24.12.56 32E9:38 LPF 9 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x38
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP



### 24.12.57 32E9:39 LPF 9 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x39
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 24.12.58 32E9:3A LPF 9 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x3A
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.59 32E9:3B LPF 9 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x3B
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.60 32E9:3C LPF 9 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x3C
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.61 32E9:3D LPF 10 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x3D
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.62 32E9:3E LPF 10 FID**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x3E
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 24.12.63 32E9:3F LPF 10 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x3F
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 24.12.64 32E9:40 LPF 10 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x40
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.65 32E9:41 LPF 10 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x41
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.66 32E9:42 LPF 10 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x42
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.67 32E9:43 LPF 11 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x43
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.68 32E9:44 LPF 11 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x44
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

**24.12.69 32E9:45 LPF 11 data state**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x45
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

**24.12.70 32E9:46 LPF 11 timestamp**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x46
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.71 32E9:47 LPF 11 error counter**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x47
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.72 32E9:48 LPF 11 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x48
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.73 32E9:49 LPF 12 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x49
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.74 32E9:4A LPF 12 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x4A
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 24.12.75 32E9:4B LPF 12 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x4B
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 24.12.76 32E9:4C LPF 12 timestamp

LPF content



Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x4C
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.77 32E9:4D LPF 12 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x4D
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.78 32E9:4E LPF 12 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x4E
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.79 32E9:4F LPF 13 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x4F
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 24.12.80 32E9:50 LPF 13 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x50
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 24.12.81 32E9:51 LPF 13 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x51
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 24.12.82 32E9:52 LPF 13 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x52
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.83 32E9:53 LPF 13 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x53
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.84 32E9:54 LPF 13 data**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x54
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.85 32E9:55 LPF 14 bus address**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x55
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.86 32E9:56 LPF 14 FID**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x56
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

### 24.12.87 32E9:57 LPF 14 data state

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x57
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

### 24.12.88 32E9:58 LPF 14 timestamp

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x58
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.89 32E9:59 LPF 14 error counter

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x59
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.90 32E9:5A LPF 14 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x5A
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.91 32E9:5B LPF 15 bus address

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x5B
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.12.92 32E9:5C LPF 15 FID

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x5C
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
255 (0xFF)	FID_not_configured
104 (0x68)	FID_BGREQ
96 (0x60)	FID_BGRSP
80 (0x50)	FID_SF_POS1
36 (0x24)	FID_SENSOR_TEMP_M3
35 (0x23)	FID_SENSOR_TEMP_M2
34 (0x22)	FID_SENSOR_TEMP_M1
33 (0x21)	FID_SENSOR_TEMP_INT
32 (0x20)	FID_SENSOR_TEMP_MAX
26 (0x1A)	FID_COMMU
19 (0x13)	FID_MOUNT1
18 (0x12)	FID_MOUNT0
17 (0x11)	FID_EVALNUM
10 (0x0A)	FID_ERRMSG
5 (0x05)	FID_ZERODATA
4 (0x04)	FID_POS_ABS
3 (0x03)	FID_TOUCHPROBE
2 (0x02)	FID_POS2
1 (0x01)	FID_POS1
0 (0x00)	FID_NOP

**24.12.93 32E9:5D LPF 15 data state**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x5D
Datatype	ENUM (UINT8)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	LPFdataState_ValidAndUpdated
1 (0x01)	LPFdataState_ValidButNotUpdated
0 (0x00)	LPFdataState_Invalid

**24.12.94 32E9:5E LPF 15 timestamp**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x5E
Datatype	UINT8
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

**24.12.95 32E9:5F LPF 15 error counter**

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x5F
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All



## 24.12.96 32E9:60 LPF 15 data

LPF content

Description	Value
Index	Primary Feedback: 0x32E9 (Ch A)/ 0x36E9 (Ch B)
Subindex	0x60
Datatype	UINT64
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 24.13 32EA:x [SL] Temperature sensors

Temperature sensor values.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	4 (0x04)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.13.1 32EA:01 EnDat3 encoder connected sensor data state

This object contains the data state of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x01
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 24.13.2 32EA:02 EnDat3 encoder connected sensor temperature

This object contains the resistance of the encoder connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x02
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,1 K
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.13.3 32EA:03 Drive connected sensor data state

This object contains the data state of the drive connected temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x03
Datatype	ENUM (INT16)
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

Enum Value	Description
2 (0x02)	eDataState_Error
1 (0x01)	eDataState_Valid
0 (0x00)	eDataState_Idle

### 24.13.4 32EA:04 Drive connected sensor resistance

This object contains the resistance of the simulated temperature sensor value.

Description	Value
Index	Primary Feedback: 0x32EA (Ch A)/ 0x36EA (Ch B)
Subindex	0x04
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	Ohm
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 24.14 32EB:x [SL] EnDat 3: Electronic data sheet (linear)

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.14.1 32EB:01 Selected slave address

This object contains the content and the state of the electronic data sheet file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.14.2 32EB:02 Data state

Data state of the displayed 'Electronic Data Sheet' data.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 24.14.3 32EB:03 Electronic data sheet

The binary data of the electronic data sheet.

Description	Value
Index	Primary Feedback: 0x32EB (Ch A)/ 0x36EB (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.15 32EC:x [SL] EnDat 3: Position offset data (linear)

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 24.15.1 32EC:01 Selected slave address

This object contains the position offset and the state of the position offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

#### 24.15.2 32EC:02 Data state

Data state of the displayed 'Position Offset'.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 24.15.3 32EC:03 Position offset

The position offset stored in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32EC (Ch A)/ 0x36EC (Ch B)
Subindex	0x03
Datatype	INT64
Min. Value	
Default	
Max. Value	
Unit	inc
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.16 32ED:x [SL] EnDat 3: User data (linear)

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.16.1 32ED:01 Selected slave address

This object contains the data string and the state of the user data file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.16.2 32ED:02 Data state

Data state of the displayed 'User Data'.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 24.16.3 32ED:03 User data

The user data string stored in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32ED (Ch A)/ 0x36ED (Ch B)
Subindex	0x03
Datatype	VISIBLE_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 24.17 32EF:x [SL] EnDat 3: Commutation offset data (linear)

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.17.1 32EF:01 Selected slave address

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x01
Datatype	UINT8
Min. Value	0
Default	1 (0x01)
Max. Value	16 (0x10)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.17.2 32EF:02 Data state

Data state of the displayed 'Commutation Offset'.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x02
Datatype	ENUM (INT16)
Min. Value	
Default	eFileDataState_Invalid (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	eFileDataState_Modified
1 (0x01)	eFileDataState_Valid
0 (0x00)	eFileDataState_Invalid

### 24.17.3 32EF:03 Commutation offset

This object contains the commutation offset and the state of the commutation offset file stored in the encoder.

Description	Value
Index	Primary Feedback: 0x32EF (Ch A)/ 0x36EF (Ch B)
Subindex	0x03
Datatype	UINT32
Min. Value	
Default	
Max. Value	
Unit	0,01 °
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 24.18 32F1:x [SL] EnDat 3: Direct encoder access (linear)

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	Primary Feedback: 0x32F1 (Ch A)/ 0x36F1 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.18.1 32F1:01 Command

This object provides access to the EnDat3 protocol layer.



Description	Value
Index	Primary Feedback: 0x32F1 (Ch A)/ 0x36F1 (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 24.18.2 32F1:02 Status

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	Primary Feedback: 0x32F1 (Ch A)/ 0x36F1 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 24.18.3 32F1:03 Response

This object provides access to the EnDat3 protocol layer.

Description	Value
Index	Primary Feedback: 0x32F1 (Ch A)/ 0x36F1 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.19 32F3:x [SL] EnDat 3: Save user data (linear)

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F3 (Ch A)/ 0x36F3 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 24.19.1 32F3:01 Command

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F3 (Ch A)/ 0x36F3 (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 24.19.2 32F3:02 Status

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F3 (Ch A)/ 0x36F3 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 24.19.3 32F3:03 Response

With this command object the user data string can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F3 (Ch A)/ 0x36F3 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.20 32F4:x [SL] EnDat 3: Save commutation offset (linear)

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F4 (Ch A)/ 0x36F4 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 24.20.1 32F4:01 Command

With this command object the commutation offset can be saved in the encoder file system.



Description	Value
Index	Primary Feedback: 0x32F4 (Ch A)/ 0x36F4 (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 24.20.2 32F4:02 Status

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F4 (Ch A)/ 0x36F4 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 24.20.3 32F4:03 Response

With this command object the commutation offset can be saved in the encoder file system.

Description	Value
Index	Primary Feedback: 0x32F4 (Ch A)/ 0x36F4 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.21 32F5:x [SL] EnDat 3: Scan connected encoder (linear)

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32F5 (Ch A)/ 0x36F5 (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

#### 24.21.1 32F5:01 Command

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32F5 (Ch A)/ 0x36F5 (Ch B)
Subindex	0x01
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.21.2 32F5:02 Status

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32F5 (Ch A)/ 0x36F5 (Ch B)
Subindex	0x02
Datatype	ENUM (UINT8)
Min. Value	
Default	eCoeCmdStatus_CmdCompletedNoErrorNoRespData (0)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

Enum Value	Description
255 (0xFF)	eCoeCmdStatus_CmdIsExecuting
200 (0xC8)	eCoeCmdStatus_100_Percent
199 (0xC7)	eCoeCmdStatus_99_Percent
198 (0xC6)	eCoeCmdStatus_98_Percent
197 (0xC5)	eCoeCmdStatus_97_Percent
196 (0xC4)	eCoeCmdStatus_96_Percent
195 (0xC3)	eCoeCmdStatus_95_Percent
194 (0xC2)	eCoeCmdStatus_94_Percent
193 (0xC1)	eCoeCmdStatus_93_Percent
192 (0xC0)	eCoeCmdStatus_92_Percent
191 (0xBF)	eCoeCmdStatus_91_Percent
190 (0xBE)	eCoeCmdStatus_90_Percent
189 (0xBD)	eCoeCmdStatus_89_Percent
188 (0xBC)	eCoeCmdStatus_88_Percent
187 (0xBB)	eCoeCmdStatus_87_Percent
186 (0xBA)	eCoeCmdStatus_86_Percent
185 (0xB9)	eCoeCmdStatus_85_Percent
184 (0xB8)	eCoeCmdStatus_84_Percent
183 (0xB7)	eCoeCmdStatus_83_Percent
182 (0xB6)	eCoeCmdStatus_82_Percent
181 (0xB5)	eCoeCmdStatus_81_Percent
180 (0xB4)	eCoeCmdStatus_80_Percent
179 (0xB3)	eCoeCmdStatus_79_Percent
178 (0xB2)	eCoeCmdStatus_78_Percent
177 (0xB1)	eCoeCmdStatus_77_Percent
176 (0xB0)	eCoeCmdStatus_76_Percent
175 (0xAF)	eCoeCmdStatus_75_Percent
174 (0xAE)	eCoeCmdStatus_74_Percent
173 (0xAD)	eCoeCmdStatus_73_Percent
172 (0xAC)	eCoeCmdStatus_72_Percent
171 (0xAB)	eCoeCmdStatus_71_Percent
170 (0xAA)	eCoeCmdStatus_70_Percent
169 (0xA9)	eCoeCmdStatus_69_Percent
168 (0xA8)	eCoeCmdStatus_68_Percent
167 (0xA7)	eCoeCmdStatus_67_Percent
166 (0xA6)	eCoeCmdStatus_66_Percent
165 (0xA5)	eCoeCmdStatus_65_Percent
164 (0xA4)	eCoeCmdStatus_64_Percent
163 (0xA3)	eCoeCmdStatus_63_Percent
162 (0xA2)	eCoeCmdStatus_62_Percent
161 (0xA1)	eCoeCmdStatus_61_Percent
160 (0xA0)	eCoeCmdStatus_60_Percent
159 (0x9F)	eCoeCmdStatus_59_Percent
158 (0x9E)	eCoeCmdStatus_58_Percent
157 (0x9D)	eCoeCmdStatus_57_Percent
156 (0x9C)	eCoeCmdStatus_56_Percent
155 (0x9B)	eCoeCmdStatus_55_Percent
154 (0x9A)	eCoeCmdStatus_54_Percent

Enum Value	Description
153 (0x99)	eCoeCmdStatus_53_Percent
152 (0x98)	eCoeCmdStatus_52_Percent
151 (0x97)	eCoeCmdStatus_51_Percent
150 (0x96)	eCoeCmdStatus_50_Percent
149 (0x95)	eCoeCmdStatus_49_Percent
148 (0x94)	eCoeCmdStatus_48_Percent
147 (0x93)	eCoeCmdStatus_47_Percent
146 (0x92)	eCoeCmdStatus_46_Percent
145 (0x91)	eCoeCmdStatus_45_Percent
144 (0x90)	eCoeCmdStatus_44_Percent
143 (0x8F)	eCoeCmdStatus_43_Percent
142 (0x8E)	eCoeCmdStatus_42_Percent
141 (0x8D)	eCoeCmdStatus_41_Percent
140 (0x8C)	eCoeCmdStatus_40_Percent
139 (0x8B)	eCoeCmdStatus_39_Percent
138 (0x8A)	eCoeCmdStatus_38_Percent
137 (0x89)	eCoeCmdStatus_37_Percent
136 (0x88)	eCoeCmdStatus_36_Percent
135 (0x87)	eCoeCmdStatus_35_Percent
134 (0x86)	eCoeCmdStatus_34_Percent
133 (0x85)	eCoeCmdStatus_33_Percent
132 (0x84)	eCoeCmdStatus_32_Percent
131 (0x83)	eCoeCmdStatus_31_Percent
130 (0x82)	eCoeCmdStatus_30_Percent
129 (0x81)	eCoeCmdStatus_29_Percent
128 (0x80)	eCoeCmdStatus_28_Percent
127 (0x7F)	eCoeCmdStatus_27_Percent
126 (0x7E)	eCoeCmdStatus_26_Percent
125 (0x7D)	eCoeCmdStatus_25_Percent
124 (0x7C)	eCoeCmdStatus_24_Percent
123 (0x7B)	eCoeCmdStatus_23_Percent
122 (0x7A)	eCoeCmdStatus_22_Percent
121 (0x79)	eCoeCmdStatus_21_Percent
120 (0x78)	eCoeCmdStatus_20_Percent
119 (0x77)	eCoeCmdStatus_19_Percent
118 (0x76)	eCoeCmdStatus_18_Percent
117 (0x75)	eCoeCmdStatus_17_Percent
116 (0x74)	eCoeCmdStatus_16_Percent
115 (0x73)	eCoeCmdStatus_15_Percent
114 (0x72)	eCoeCmdStatus_14_Percent
113 (0x71)	eCoeCmdStatus_13_Percent
112 (0x70)	eCoeCmdStatus_12_Percent
111 (0x6F)	eCoeCmdStatus_11_Percent
110 (0x6E)	eCoeCmdStatus_10_Percent
109 (0x6D)	eCoeCmdStatus_9_Percent
108 (0x6C)	eCoeCmdStatus_8_Percent
107 (0x6B)	eCoeCmdStatus_7_Percent
106 (0x6A)	eCoeCmdStatus_6_Percent

Enum Value	Description
105 (0x69)	eCoeCmdStatus_5_Percent
104 (0x68)	eCoeCmdStatus_4_Percent
103 (0x67)	eCoeCmdStatus_3_Percent
102 (0x66)	eCoeCmdStatus_2_Percent
101 (0x65)	eCoeCmdStatus_1_Percent
100 (0x64)	eCoeCmdStatus_0_Percent
3 (0x03)	eCoeCmdStatus_CmdCompletedErrorRespDataAvailable
2 (0x02)	eCoeCmdStatus_CmdCompletedErrorNoRespData
1 (0x01)	eCoeCmdStatus_CmdCompletedNoErrorRespDataAvailable
0 (0x00)	eCoeCmdStatus_CmdCompletedNoErrorNoRespData

### 24.21.3 32F5:03 Response

CoE command to check if a rotary Endat2.2 encoder is connected.

Description	Value
Index	Primary Feedback: 0x32F5 (Ch A)/ 0x36F5 (Ch B)
Subindex	0x03
Datatype	OCTET_STRING
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

## 24.22 32FB:x [SL] EnDat 3: Additional status (rotary)

Additional internal status

Description	Value
Index	Primary Feedback: 0x32FB (Ch A)/ 0x36FB (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	3 (0x03)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.22.1 32FB:01 Slave line error count

Additional internal status



Description	Value
Index	Primary Feedback: 0x32FB (Ch A)/ 0x36FB (Ch B)
Subindex	0x01
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.22.2 32FB:02 Master line error count

Additional internal status

Description	Value
Index	Primary Feedback: 0x32FB (Ch A)/ 0x36FB (Ch B)
Subindex	0x02
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

### 24.22.3 32FB:03 Total extrapolation count

Additional internal status

Description	Value
Index	Primary Feedback: 0x32FB (Ch A)/ 0x36FB (Ch B)
Subindex	0x03
Datatype	UINT16
Min. Value	
Default	
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	Transmit / Dynamic Transmit
Revision	All

## 24.23 32FC:x [SL] EnDat 3: Encoder parameter (linear)

EnDat3 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x00
Datatype	UINT8
Min. Value	
Default	8 (0x08)
Max. Value	
Unit	
Access / EtherCAT-State	Ro
PDO Mapping	
Revision	All

### 24.23.1 32FC:01 Connector

Physical connection of the encoder to the device.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x01
Datatype	ENUM (UINT32)
Min. Value	
Default	ConnectorFront_CorrespondingToDriveChannel (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ConnectorFront_D_Sub_Right
1 (0x01)	ConnectorFront_D_Sub_Left
0 (0x00)	ConnectorFront_CorrespondingToDriveChannel

### 24.23.2 32FC:02 Measuring step length policy

EnDat3 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x02
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

### 24.23.3 32FC:03 Measuring step length

EnDat3 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x03
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	pm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.23.4 32FC:04 Measuring length policy

EnDat3 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x04
Datatype	ENUM (UINT32)
Min. Value	
Default	ParameterPolicy_UseEncoderValue (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
2 (0x02)	ParameterPolicy_ParameterMustMatch
1 (0x01)	ParameterPolicy_ParameterIsMinRequirement
0 (0x00)	ParameterPolicy_UseEncoderValue

### 24.23.5 32FC:05 Measuring length

EnDat3 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x05
Datatype	UINT64
Min. Value	
Default	0
Max. Value	
Unit	pm
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

### 24.23.6 32FC:06 Trace level

EnDat3 encoder parameter.

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x06
Datatype	ENUM (UINT32)
Min. Value	
Default	TraceLevel_Off (0)
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

Enum Value	Description
4 (0x04)	TraceLevel_Verbose
3 (0x03)	TraceLevel_Info
2 (0x02)	TraceLevel_Warning
1 (0x01)	TraceLevel_Error
0 (0x00)	TraceLevel_Off

### 24.23.7 32FC:07 Settings

Bit 0..2 are used to disable individual encoder parameter checks! (0: Force max calc time to 10us, 1: Ignore incompatible ordering designation, 2: Ignore max clock frequency)

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x07
Datatype	UINT32
Min. Value	
Default	0
Max. Value	
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All

## 24.23.8 32FC:08 Max position extrapolation cycles

Max number of position extrapolation cycles

Description	Value
Index	Primary Feedback: 0x32FC (Ch A)/ 0x36FC (Ch B)
Subindex	0x08
Datatype	UINT16
Min. Value	0
Default	0
Max. Value	3 (0x0003)
Unit	
Access / EtherCAT-State	Rw
PDO Mapping	
Revision	All



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