

ZS4000-2010 | EMC power connector

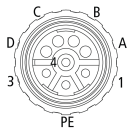
M23, plug, straight, female, 8-pin



Electrical data	
Rated voltage (power)	630 V AC/DC
Rated voltage (signal/24V)	250 V AC/DC
Rated current (power)	30 A max.
Rated current (signal/24V)	7 A max.
Rated impulse voltage (power)	6.0 kV
Rated impulse voltage (signal/24V)	2.5 kV
Contact resistance	< 5 mΩ (signal), < 3 mΩ (power)
Mechanical data	
Accessories type	Connectors/Cables
Installation size	M23
Connector type	plug
Configuration	straight
Contact type	female
Number of positions (face)	8-pin
Wire termination	crimp connection
Mating cycles	500

Way of locking	Speedtec®
Weight per piece	0.143 kg (0.3153 lb)
Body color	metal
Body material	zinc diecast/nickel plated
Seal	FKM
Clamp ring	zinc diecast/nickel plated
Contact carrier material	PA 6.6 mod., UL 94 V-0
Contact material	brass/gold plated
Environmental data	
Special features	Max. height for operation 2000 m
Ambient temperature (operation)	-20...+130 °C, -4...+266 °F
Protection rating	IP66/67 in screwed condition
Pollution level	3 (according to VDE 0110/EN61984 part 6.19.2.2)
Overvoltage category	3 (according to VDE 0110/EN61984 part 6.19.2.2)

Dimensions



A1	79.00 mm
A2	28.00 mm

Notes

- Illustrations similar

Ordering information

ZS4000-2010	EMC power connector (female), M23, 8-pin, for motor cable ZK450x-00x3-xxxx and ZK450x-00x4-xxxx (counterpart to motor box AM3000/AM3500)
-------------	------------------------------------------------------------------------------------------------------------------------------------------

Beckhoff®, TwinCAT®, TwinCAT/BSD®, TC/BSD®, EtherCAT®, EtherCAT G®, EtherCAT G10®, EtherCAT P®, Safety over EtherCAT®, TwinSAFE®, XFC®, XTS® and XPlanar® are registered trademarks of and licensed by Beckhoff Automation GmbH. Other designations used in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owners.

© Beckhoff Automation GmbH & Co. KG 12/2022

The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual application do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.