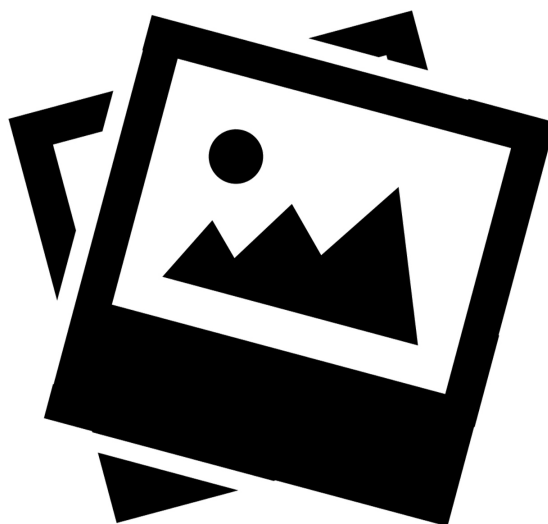# ZK4875-9007-xxxx | DC-Link connection cable 2.5 mm², static use

AX-Bridge, straight, male, Power: 2+PE – open end, 3-wire + shielding
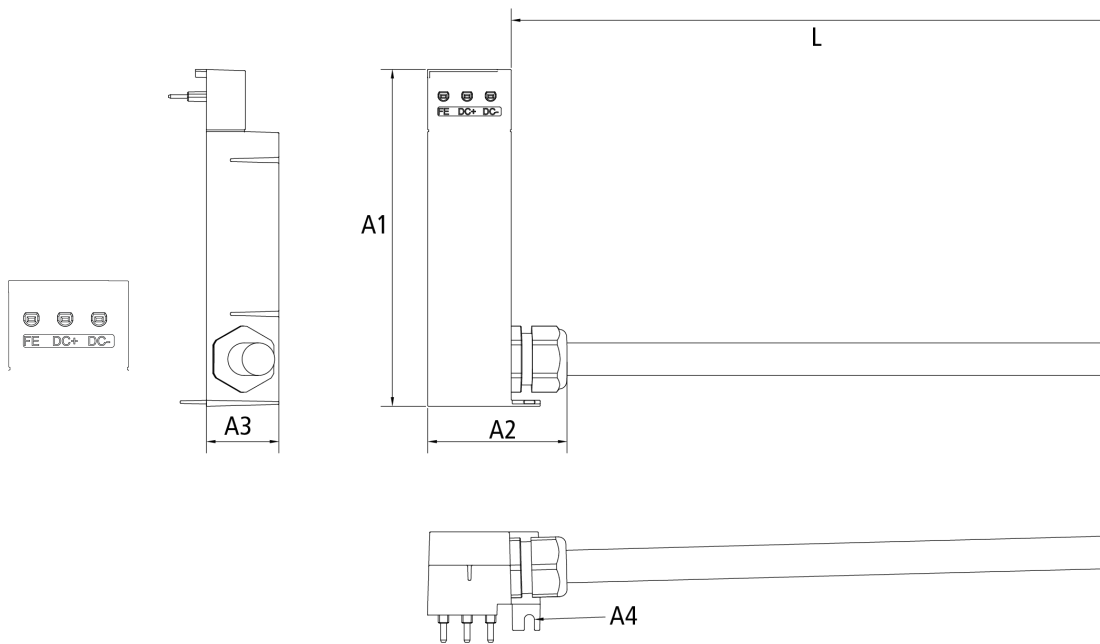

Plugs

Electrical data	Head A	Head B
Rated voltage	680 V DC	-
Rated current (power)	50 A	-
Mechanical data		
Installation size	AX-Bridge	open end
Configuration	straight	-
Contact type	male	-
Number of positions (face)	Power: 2+PE	3-wire + shielding
Mating cycles	25	-
Way of locking	AX-Bridge	-
Body color	white	-
Body material	plastics	-
Environmental data		
Ambient temperature (operation)	+5...+40 °C, +41...+104 °F	-
Protection rating	IP20	-

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Cable

Electrical data	
Operating voltage	≤ 600 V
Insulation resistance	≥ 20 MΩ*km
Test voltage	3000 V
Mechanical data	
Cross-section (power)	3 x 10 mm² (approx. AWG8)
Outer cable diameter	14.7 mm ± 0.4 mm (0.5787" ± 0.0157")
Min. bending radius, moved	7.5 x outer cable diameter
Min. bending radius, fixed installation	4 x outer cable diameter
Weight	535 kg/km (359.4665 lb/1000 ft)
Conductor material	copper bare
Use	fixed installation
Jacket color	gray
Material jacket	PVC (polyvinyl chloride)
Wire insulation material	PVC (polyvinyl chloride)
Printing color	black
Environmental data	
Operation temperature range, moved	-5...+90 °C, 23...+194 °F
Operation temperature range, fixed installation	-40...+90 °C, -40...+194 °F
Oil resistance	yes
Flame-retardant	according to DIN VDE 0472, part 804, type of test B
Silicone-free	yes

Dimensions	

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A1	190.00 mm
A2	80.00 mm
A3	40.00 mm
A4	5.60 mm

Notes

- Depending on the cable length (L), the following length tolerances apply: ± 2-3 %
- Illustrations similar
- The last three digits of the ordering information is the cable length in decimeters, e.g. ZK4xxx-xxxx-x020 = cable length 2.00 m

Ordering information	Length
ZK4875-9007-xxxx	xxxx = cable length in decimeters
xxxx = 0050	example for 5 m length
	sold by the meter, admissible total cable length see documentation of Servo Drive

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