



## ZS4000-2109 | EMC power connector

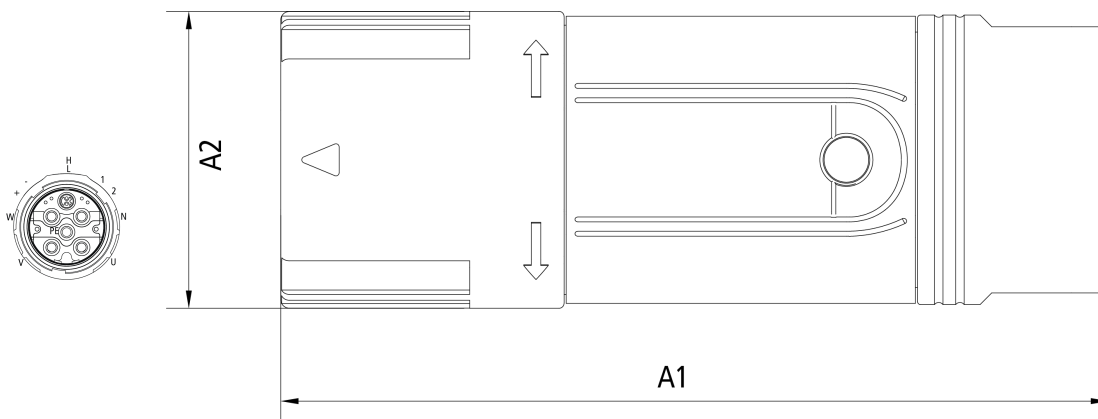
M40, plug, straight, female, Power: 4+PE, Signal: 4, Data: 2



Electrical data	
Rated voltage (power)	630 V AC / 850 V DC
Rated voltage (signal/24V)	150 V AC/DC
Rated current (power)	70 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), < 1 mΩ (power)
Mechanical data	
Accessories type	Connectors/Cables
Installation size	M40
Connector type	plug
Configuration	straight
Contact type	female
Number of positions (face)	Power: 4+PE, Signal: 4, Data: 2
Wire termination	crimp connection
Mating cycles	500

Way of locking	Speedtec®
Weight per piece	0.450 kg (0.9921 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
<b>Environmental data</b>	
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	100.00 mm
A2	46.00 mm

## Notes

- Illustrations similar

## Ordering information

ZS4000-2109	EMC power connector (female), M40, 11-pin, for motor cable ZK480x-8x25, ZK4800-8527, ZK450x-8025 and ZK450x-8027 (counterpart to motor socket AM8000/AM8500)
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