



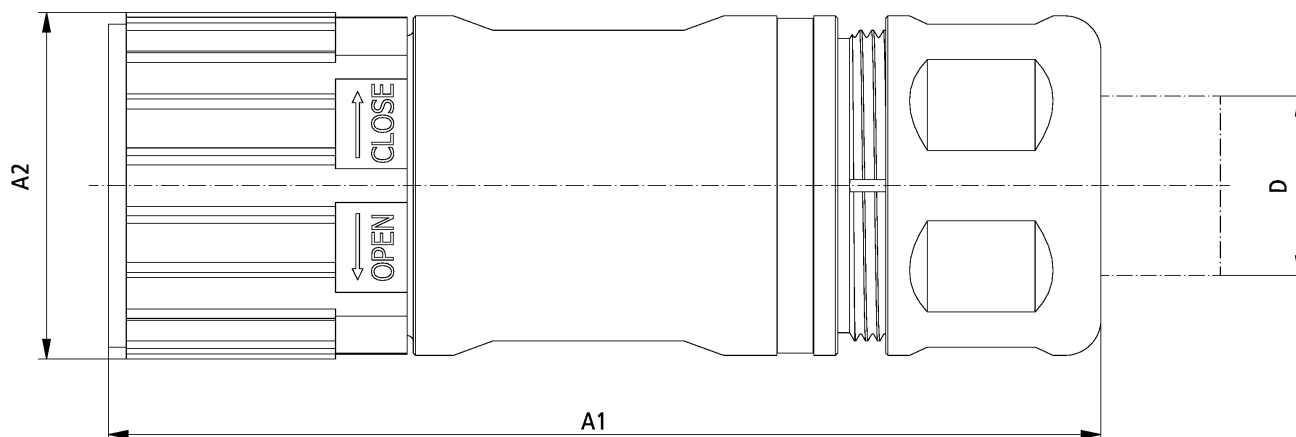
ZS7300-0001 | Plug, field assembly, EtherCAT P, IP 65/67, shielded

B23, plug, straight, male+male, pins 4+PE+4, P-coded

Electrical data	
Rated voltage (Ethernet)	24 V DC
Rated current (Ethernet)	3 A at 40 °C
Rated voltage (power)	630 V AC / 850 V DC, 600V AC / DC (UL)
Rated current (power)	28 A at 40 °C
Rated current (power)	28 A
Rated impulse voltage (power)	6.0 kV
Rated impulse voltage (Ethernet)	1.0 kV
Shielding	yes
Contact resistance	< 10 mΩ (signal), < 5 mΩ (power)
Insulation resistance	≥ 100 MΩ (according to IEC 60512)
Mechanical data	
Accessories Type	Connector
Installation size	B23
Connector type	plug
Configuration	straight
Contact type	male+male
Number of positions (face)	pins 4+PE+4
Coding	P-coded
Wire termination	crimp connection
Mating cycles	≥ 100
Way of locking	bayonet
Body material	CuZn, Ni
Coupling nut material	GD-Zn, Ni
Seal	NBR
Contact carrier material	PA, UL 94
Contact carrier colour (Ethernet)	red
Contact carrier colour (power)	red
Contact plating	Ni, Au gal.
Contact material	copper alloy
Max. wire cross section (power)	AWG12/4.0 mm ²

Max. wire cross section (Ethernet)	AWG22/0.34 mm ²
Max. cable outer diameter	13.0...15.0 mm, 15.0...16.0 mm
Environmental data	
Ambient temperature (operation)	-20...+90 °C, -4...+194 °F
Protection class	IP 65/67 in screwed condition (according to IEC 60529)
Pollution level	3/2 (according to IEC 60664-1)
Approvals	UL 2237: File E484763

Dimensions



A1	approx. 80.0 mm
A2	23.8 mm

Notes

- Delivery without crimp contacts
- Illustrations similar

Ordering information	
ZS7300-0001	B23, plug, metal, shielded, crimp, straight, male+male, 5+4-pin, P-coded, IP 65/67

Accessories	
ZB8810-0000	crimping tool for Ethernet element, M8, B12, B17, B23 contacts
ZB8810-0002	crimping insert and locator for Ethernet element, M8 and B23 contacts
ZS7000-C001	Crimp contact, Ethernet element, male, AWG22/0.34 mm ² , PU = 50 pieces
ZS7000-C009	B23 crimp contact, male, 4 mm ² , packaging unit = 50 pieces
ZS7000-C015	B23 crimp contact, male, 1.5 mm ² , packaging unit = 50 pieces
ZS7000-C017	B23 crimp contact, male, 2.5 mm ² , Ø 2.25 mm, packaging unit = 50 pieces
ZS7000-C029	
ZS7300-B003	B23 protection cap, plug, plastic, IP 67, packaging unit = 10 pieces
ZS7300-B004	B23 protection cap, plug, metal, IP 67, packaging unit = 5 pieces
ZS7300-B005	B23 color coding connector/square flange, red, packaging unit = 10 pieces
ZS7300-B006	B23 color coding connector/square flange, yellow, packaging unit = 10 pieces
ZS7300-B007	B23 color coding connector/square flange, blue, packaging unit = 10 pieces
ZS7300-B008	B23 color coding connector/square flange, green, packaging unit = 10 pieces
ZS7300-B015	B23 color coding connector/square flange, orange, packaging unit = 10 pieces
ZS7300-B016	B23 color coding connector/square flange, gray, packaging unit = 10 pieces
ZB8802-0003	assembly tool for B23 connector, AF27

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