ZS7300-0003 | Plug, field assembly, EtherCAT P, IP65/67, shielded
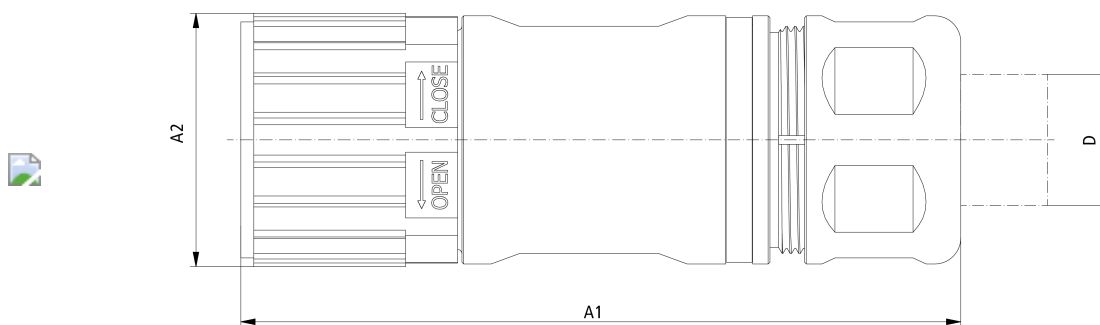
B23, plug, straight, male+male, pins 5+PE+4, P-coded

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)	22 A + 21 A at 40 °C
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	Connectors
Installation size	B23
Connector type	plug
Configuration	straight
Contact type	male+male
Number of positions (face)	pins 5+PE+4

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Coding	P-coded
Wire termination	crimp connection
Mating cycles	≥ 100
Way of locking	bayonet
Body color	metal
Body material	CuZn, Ni
Coupling nut material	GD-Zn, Ni
Seal	NBR
Contact carrier material	PA, UL 94 V-0
Contact carrier color (Ethernet)	red
Contact carrier color (power)	red
Contact plating	Ni, Au gal.
Contact material	copper alloy
Max. wire cross-section (power)	AWG14/2.5 mm^2 + AWG12/4.0 mm^2
Max. wire cross-section (Ethernet)	AWG22/0.34 mm^2
Max. cable outer diameter	15.0...16.0 mm
Environmental data	
Ambient temperature (operation)	-20...+90°C, -4...+194°F
Protection rating	IP65/67 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	Ø23.8 mm

Notes

- Delivery without crimp contacts
- Illustrations similar

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Ordering information	
ZS7300-0003	B23, plug, metal, shielded, crimp, straight, male+male, 6+4-pin, P-coded, IP65/67

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-C014	B23 crimp contact, male, 2.5 mm^2, Ø 1.8 mm, packaging unit = 50 pieces
ZS7300-B003	B23 protection cap, plug, plastic, IP67, packaging unit = 10 pieces, including loss protection
ZS7300-B004	B23 protection cap, plug, metal, IP67, packaging unit = 5 pieces, including loss protection
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

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