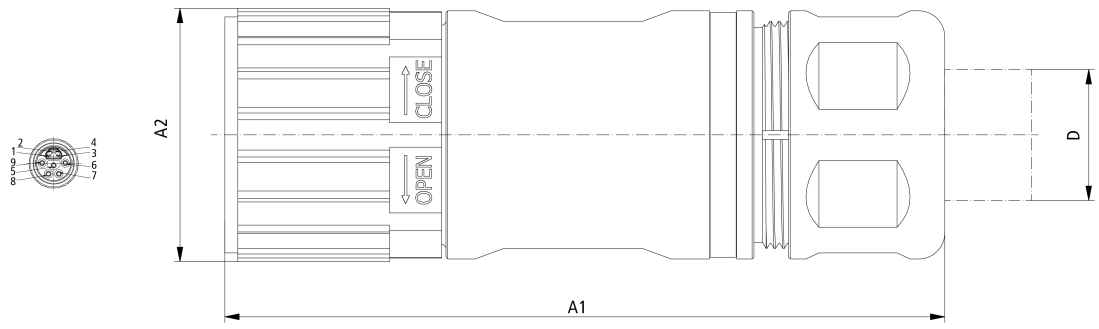
ZS7300-A002 | Plug, field assembly, EtherCAT/Ethernet, IP65/67, shielded

B23, plug, straight, female+male, pins 4+PE+4, EtherCAT-coded

Electrical data	
Rated voltage (Ethernet)	24 V DC
Rated current (Ethernet)	4 A at 40°C
Rated voltage (power)	630 V AC / 850 V DC, 600V AC / DC (UL)
Rated current (power)	28 A at 45°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	female+male
Number of positions (face)	pins 4+PE+4

Coding	EtherCAT-coded
Wire termination	crimp connection
Mating cycles	≥ 100
Way of locking	bayonet
Weight	0.175 kg (0.3858 lb)
Body material	**CuZn, Ni**
Coupling nut material	GD-Zn, Ni
Seal	NBR
Contact carrier material	PA, UL 94
Contact carrier color (Ethernet)	yellow
Contact carrier color (power)	red
Contact plating	Ni, Au gal.
Contact material	copper alloy
Max. wire cross-section (power)	AWG12/4.0 mm²
Max. wire cross-section (Ethernet)	AWG22/0.34 mm²
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	29.0 mm

Mechanical coding

Mechanical keying uses defined keyways that only allow insertion and subsequent locking rotation when correctly aligned. For more information, please refer to the keying guide for correct use.

Notes

- Delivery without crimp contacts
- Illustrations similar

Ordering information	
ZS7300-A002	B23, plug, metal, shielded, crimp, straight, female+male, 5+4-pin, EtherCAT-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, packaging unit = 50 pieces
ZS7000-C010	B23 crimp contact, female, 4 mm^2, packaging unit = 50 pieces
ZS7000-C016	B23 crimp contact, female, 1.5 mm^2, packaging unit = 50 pieces
ZS7000-C018	B23 crimp contact, female, 2.5 mm^2, packaging unit = 50 pieces
ZS7000-C030	B23 crimp contact, female, 0.75 mm^2, 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
ZB8802-0003	assembly tool for B23 connector, AF27

Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

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