ZK7672-AS00-0xxx | B17, Power cable, 5 G 1,5 mm² + 2 x 0,75 mm², fixed installation, key 2 (400 V AC)

B17, square flange, straight, short, female+ female, pins 5+2, EtherCAT P-coded – open end, 7-wire



Plugs

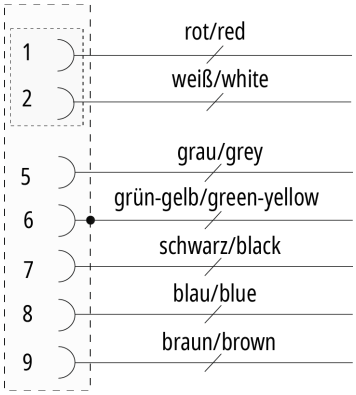
Electrical data	Head A	Head B
Rated voltage (Ethernet)	24 V DC	-
Rated current (Ethernet)	3 A at 40°C	-
Rated voltage (power)	60 V DC	-
Rated current (power)	10 A at 55°C	-
Contact resistance	< 10 mΩ (signal), < 5 mΩ (power)	-
Insulation resistance	≥ 100 MΩ (according to IEC 60512)	-
Mechanical data		
Installation size	B17	open end
Connector type	square flange	-
Configuration	straight, short	-
Contact type	female+ female	-
Number of positions (face)	pins 5+2	7-wire

Coding	EtherCAT P-coded	-
Mechanical coding	key 2 (user-defined voltage)	-
Wire termination	crimp connection	-
Mating cycles	≥ 100	-
Way of locking	bayonet	-
Flange housing material	GD-Zn, Ni	-
Seal	NBR	-
Contact carrier material	PA, UL 94	-
Contact plating	Au over Ni	-
Contact material	copper alloy	-
Environmental data		
Shock resistance	50 g (490 m/s^2) conforms to IEC 60512-6c, 11 ms; 18 shocks per direction, 3 axes	-
Vibration resistance	5 g (50 m /s^2) conforms to IEC 60512-6d, 10 Hz. ... 500 Hz.; 10 cycles per axis; 6 h full duration	-
RoHS compliant	yes	-
Ambient temperature (operation)	-30...+80°C, -22...+176°F	-
Protection rating	IP65/67/68 in screwed condition	-
Pollution level	3/2 (according to IEC 60664-1)	-

Cable

Electrical data	
Operating voltage	≤ 600 V
Insulation resistance	≥ 20 MΩ * km
Mechanical data	
Cross-section (power)	5 x 1.5 mm^2 (approx. AWG16) + 2 x 0.75 mm^2 (approx. AWG18)
Min. bending radius, fixed installation	5 x outer cable diameter
Conductor material	copper, tinned
Wire color code	1.50 mm^2: brown, black, grey, blue, green/yellow 0.75 mm^2: white, red
Wire insulation material	PPE (polyphenyl ether)
Environmental data	
Operation temperature range, fixed installation	-40...+105°C, -40...+221°F

Pin assignment	



Dimensions	

Mechanical coding

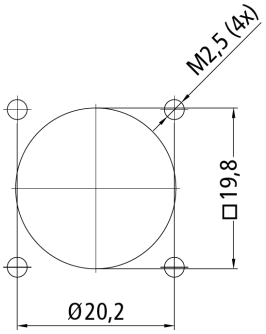
Mechanical keying uses defined keyways that only allow insertion and subsequent locking rotation when correctly aligned. For more information, please refer to the keying guide for correct use.

Notes

- Depending on the cable length (L), the following length tolerances apply:
0 m...3.0 m: + 100 mm | 3.0...10.0 m: ± 100 mm | ≥ 10.0 m: ± 2%
- Illustrations similar
- Further cable length on request. The last three digits of the ordering information is the cable length in decimeters, e.g. ZKxxxx-xxxx-x020 = cable length 2.00 m
- The design of the pre-assambled cable shown here may differ from the products supplied, despite technically identical specifications.

CE, UL	
CE	yes

Installation dimensions	



Ordering information	Length

ZK7672-AS00-0005	0.50 m
ZK7672-AS00-0010	1.00 m
ZK7672-AS00-0020	2.00 m
ZK7672-AS00-0050	5.00 m

Further length on request

Accessories	
ZS7200-B003	B17 protection cap, plug, plastic, IP67, packaging unit = 10 pieces, including loss protection
ZS7200-B004	B17 protection cap, plug, metal, IP67, packaging unit = 5 pieces, including loss protection
ZS7200-B005	B17 color coding connector/square flange, red, packaging unit = 10 pieces
ZS7200-B006	B17 color coding connector/square flange, yellow, packaging unit = 10 pieces
ZS7200-B007	B17 color coding connector/square flange, blue, packaging unit = 10 pieces
ZS7200-B008	B17 color coding connector/square flange, green, packaging unit = 10 pieces
ZS7200-B015	B17 color coding connector/square flange, orange, packaging unit = 10 pieces
ZS7200-B016	B17 color coding connector/square flange, gray, packaging unit = 10 pieces



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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