

Device connector, front mounting - SH-8EPC58AWA00S - 1621569

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Device connector for front wall, straight, shielded: yes, Screw locking, M23, Number of positions: 4+4+4+PE, Type of contact: Male connector, Crimp connection, Axial O-ring, 4x Ø 3.2, Flange dimensions: 26 mm x 26 mm

Why buy this product

- Transmission of signals, data, and power in just a single connector
- CAT5 data interface
- Safe use in the field, thanks to high degree of protection
- Consistent EMC protection for reliable connection solutions in the industrial environment

Key Commercial Data

| | |
|--------------------------------------|--------------------------------|
| Packing unit | 1 STK |
| GTIN | |
| GTIN | 4046356937177 |
| Weight per Piece (excluding packing) | 50.500 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Temperature range

| | |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 130 °C |
|---------------------------------|-------------------|

Data of the insulating body

| | |
|--|--|
| Note | Order information: Crimp contacts, 4x Ø 0.8 mm, 4x Ø 1 mm, 5x Ø 2 mm, order separately |
| Coding | N |
| Insulator material | Polyamide (PA 6.6) |
| Insertion/withdrawal cycles mechanical | 100 |
| Contact connection method | Crimp connection |

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Technical data

Data of the insulating body

| | |
|---|----------------------|
| Type of contacts | Male connector |
| Number of positions | 13 |
| Contact diameter of power contacts | 2 mm |
| Litz wire cross section of power contacts min. | 0.25 mm ² |
| Litz wire cross section of power contacts max. | 4 mm ² |
| Nominal current per power contact at 25°C | 30 A |
| Nominal voltage, power contact | 630 V AC |
| | 850 V DC |
| Rated surge voltage | 6 kV |
| Contact diameter of signal contacts | 1 mm |
| Litz wire cross section of signal contacts min. | 0.06 mm ² |
| Litz wire cross section of signal contacts max. | 1 mm ² |
| Nominal current per signal contact at 25°C | 8 A |
| Nominal voltage, signal contact | 50 V |
| Rated surge voltage | 1.5 kV |
| Contact diameter, data contacts | 0.8 mm |
| Litz wire cross section, data contacts, min. | 0.08 mm ² |
| Litz wire cross section, data contacts, max. | 0.5 mm ² |
| Nominal current per data contact at 25°C | 3.6 A |
| Nominal voltage of data contact | 50 V |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | III |
| Degree of pollution | 3 |

Housing data

| | |
|--|--|
| Housing material | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Flange dimensions | 26 mm x 26 mm |
| Type of locking | Screw locking |
| Degree of protection (when plugged in) | IP67 |
| | IP68 |
| Thread type | M23 |

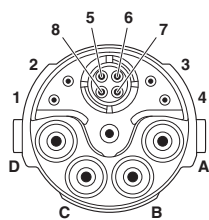
Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

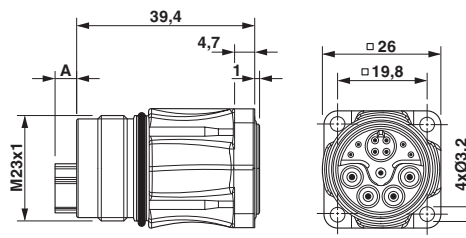
Drawings

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Schematic diagram



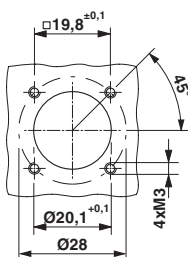
Dimensional drawing



Pin assignment of pin, CAT5

Pin version: dimension A = 4.75 mm, socket version: dimension A = 0 mm

Dimensional drawing



Installation dimensions

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 7.0 | 27440209 |
| eCl@ss 8.0 | 27440102 |
| eCl@ss 9.0 | 27440103 |

ETIM

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|----------|----------|
| ETIM 4.0 | EC002635 |
| ETIM 5.0 | EC002635 |
| ETIM 6.0 | EC002635 |

UNSPSC

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| UNSPSC 13.2 | 39121413 |
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Approvals

Approvals

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Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

Approval details

| | | |
|--------------------------------|-------|--|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E468743-20150928 |
| Nominal current I _N | 16 A | |
| Nominal voltage U _N | 600 V | |

| | | |
|-----|--|---------|
| EAC | | B.01742 |
|-----|--|---------|

Accessories

Accessories

Crimp contact

Crimp contact - ST-10KP010 - 1618255



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - ST-10KP020 - 1618256



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.34 mm²...0.5 mm²

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Accessories

Crimp contact - ST-10KP030 - 1618261



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.5 mm²...1 mm²

Crimp contact - SF-20KP021 - 1621579



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 0.25 mm²...1 mm²

Crimp contact - SF-20KP022 - 1621580



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 1.5 mm²...2.5 mm²

Crimp contact - SF-20KP023 - 1621581



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 2.5 mm²...4 mm²

Crimp contact - SF-08KP010 - 1621574



Crimp contact, turned, Contact diameter: 0.8 mm, Crimp range: 0.08 mm²...0.25 mm²

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Accessories

Crimp contact - SF-08KP020 - 1621575



Crimp contact, turned, Contact diameter: 0.8 mm, Crimp range: 0.34 mm²...0.5 mm²

Mounting material

Color-coding - RF-Z0017 - 1620624



Color-coding, Color: green

Color-coding - RF-Z0018 - 1620625



Color-coding, Color: orange

Color-coding - RF-Z0019 - 1620626



Color-coding, Color: black

Protective cover

Metal dust protection cap - SH-Z2302 - 1622139



Metal dust protection cap with steel wire for M23 hybrid connectors with external thread

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Accessories

Plastic dust protection cap - SH-Z2304 - 1622137



Plastic dust protection cap for M23 hybrid connectors with external thread

Metal dust protection cap - SH-Z2303 - 1622138



Metal dust protection cap for M23 hybrid connectors with external thread

Sample set - M23 HYBRID_CONTACT-SAMPLE-SET - 1623252

Sample set consisting of 4 x Ø 1.0 mm, 4 x Ø 0.8 mm, 5 x Ø 2.0 mm for all socket and pin contacts for M23 hybrid connectors. Contacts included: 1621573, 1618254, 1621577, 1621575, 1618261, 1621580
