

Device connector, front mounting - SH-8EPC58AAC00S - 1621561

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Device connector for front wall, angled rotatable, SPEEDCON locking, M23, Number of positions: 4+4+4+PE / 3+N+PE, Type of contact: Pin, Crimp connection, Axial O-ring, 4x Ø 3.2, Flange dimensions: 28 mm x 28 mm

Why buy this product

- Easy connection, thanks to infinitely adjustable cable outlet direction up to 310°
- 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 | 4046356937092 |

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 |
| Type of contacts | Pin |
| Number of positions | 13 |
| Contact diameter of power contacts | 2 mm |

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Technical data

Data of the insulating body

| | |
|---|----------------------|
| 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 | 28 mm x 28 mm |
| Type of locking | SPEEDCON locking |
| Degree of protection (when plugged in) | IP67 |
| | IP68 |
| Thread type | M23 |

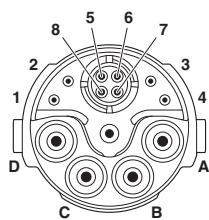
Environmental Product Compliance

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

Drawings

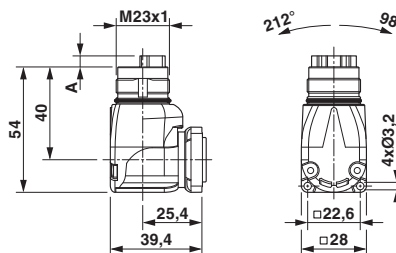
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Schematic diagram



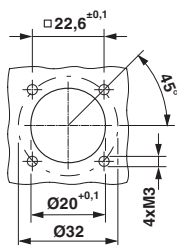
Pin assignment of pin, CAT5

Dimensional drawing



Pin version: dimension A = 4.7 mm, socket version: dimension A = 0 mm

Dimensional drawing



Installation dimensions

Approvals

Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

Approval details

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

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