

## Device connector, front mounting - SH-8ESC58AAD00S - 1621563

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Device connector for front wall, angled rotatable, shielded: yes, Screw locking, M23, Number of positions: 4+4+4+PE / 3+N+PE, Type of contact: Socket, Crimp connection, Axial O-ring, 4x Ø 3.2, Flange dimensions: 26 mm x 26 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         | 4046356937115 |

### 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                       | Socket   |
| 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 <sup>2</sup> |
| Litz wire cross section of power contacts max.  | 4 mm <sup>2</sup>    |
| 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 <sup>2</sup> |
| Litz wire cross section of signal contacts max. | 1 mm <sup>2</sup>    |
| 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 <sup>2</sup> |
| Litz wire cross section, data contacts, max.    | 0.5 mm <sup>2</sup>  |
| 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  |

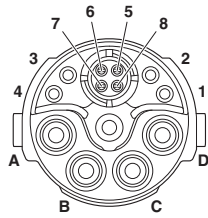
#### Environmental Product Compliance

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

### Drawings

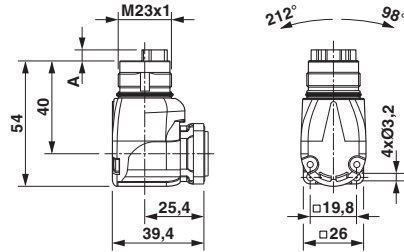
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Schematic diagram



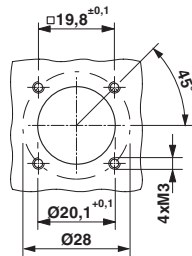
Socket pin assignment, CAT5

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  <a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a> E468743-20150928 |       |
| Nominal current I <sub>N</sub>  | 16 A  |
| Nominal voltage U <sub>N</sub>  | 600 V |

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

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>