

## Device connector, front mounting - CA-12S1N8A6Y00 - 1619863

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Device connector for front wall, straight, shielded: yes, for standard and SPEEDCON interlock, M23, No. of pos.: 12, type of contact: Socket, Crimp connection, Axial seal, Central fastening M20 x 1.5

### Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- Crimping connection: vibration- and temperature-resistant assembly
- Application-specific wall mounting optionally with thread or anti-rotation protection and lock nut

### Key Commercial Data

|                                      |               |
|--------------------------------------|---------------|
| Packing unit                         | 1 pc          |
| GTIN                                 |               |
| GTIN                                 | 4046356821032 |
| Weight per Piece (excluding packing) | 22.950 g      |
| Custom tariff number                 | 85366990      |
| Country of origin                    | Germany       |

### Technical data

#### Temperature range

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

#### Data of the insulating body

|                           |   |
|---------------------------|---|
| Note                      | Order information: Order crimp contacts Ø 1 mm separately |
| Coding                    | N   |
| Insulator material        | PA 6.6  |
| Contact connection method | Crimp connection  |
| Type of contacts          | Socket  |
| Application               | Signal  |

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### Technical data

#### Data of the insulating body

|   |                      |
|---|----------------------|
| Number of positions                             | 12                   |
| Contact diameter of signal contacts             | 1 mm                 |
| Litz wire cross section of signal contacts min. | 0.08 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                 | 150 V                |
| Rated surge voltage                             | 1.5 kV               |
| Overvoltage category                            | II                   |
| Degree of pollution                             | 3                    |

#### Housing data

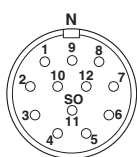
|  |   |
|--|---|
| Note                                   | Order information: If necessary, order locking nut separately |
| Housing material                       | CuZn  |
| Type of locking                        | for standard and SPEEDCON interlock                           |
| Degree of protection (when plugged in) | IP67  |
| Thread type                            | M23   |

#### Environmental Product Compliance

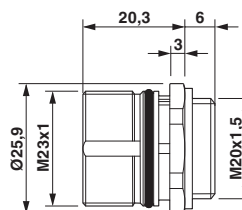
|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

Schematic diagram

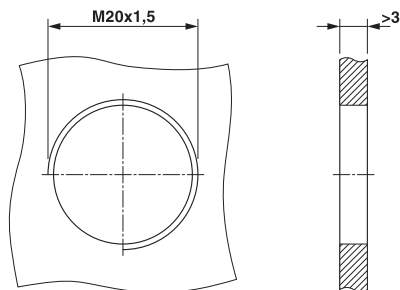


Dimensional drawing



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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 | 27143400 |
| eCl@ss 6.0 | 27279200 |
| eCl@ss 7.0 | 27440103 |
| eCl@ss 8.0 | 27440103 |
| eCl@ss 9.0 | 27440102 |

ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002635 |
| ETIM 5.0 | EC002061 |
| ETIM 6.0 | EC002061 |

UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43201404 |
| UNSPSC 13.2   | 39121413 |

## Approvals

Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized

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## Approvals

Ex Approvals

### Approval details

|                            |  |  |
|----------------------------|--|--|
| UL Recognized              |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335019-20141210 |
| Nominal voltage UN         |  | 150 V  |
| Nominal current IN         |  | 6 A  |
| mm <sup>2</sup> /AWG/kcmil |  | 20   |

|                            |  |  |
|----------------------------|--|--|
| cUL Recognized             |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335019-20141210 |
| Nominal voltage UN         |  | 150 V  |
| Nominal current IN         |  | 4 A  |
| mm <sup>2</sup> /AWG/kcmil |  | 20   |

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

|                  |  |
|------------------|--|
| cULus Recognized |  |
|------------------|--|

## Accessories

### Accessories

#### Crimp contact

Crimp contact - RC-11S2000 - 1596772



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm<sup>2</sup> ... 0.22 mm<sup>2</sup>

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### Accessories

Crimp contact - RC-12S2000 - 1599600



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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Crimp contact - RC-1KS2000 - 1602998



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm<sup>2</sup> ... 1 mm<sup>2</sup>

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Crimp contact - RC-22S2000 - 1603327



Crimp contact, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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Crimp contact - RC-22S2300 - 1603330



Crimp contact, rolled, Taped articles, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.22 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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Crimp contact - RC-22S2400 - 1603332



Crimp contact, rolled, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.22 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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### Mounting material

## Device connector, front mounting - CA-12S1N8A6Y00 - 1619863

### Accessories

Color-coding - CA-Z0110 - 1620700



Color-coding, color: green

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Color-coding - CA-Z0111 - 1620701



Color-coding, color: orange

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Color-coding - CA-Z0112 - 1620702



Color-coding, color: black

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Contact removal tool - CA-Z0001 - 1620699



Unlocking tool for contact carriers for snapping in the M23 signal device connectors

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M20 x 1.5 locking nut - RC-13041 - 1600417



M20 x 1.5 locking nut

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Protective cover

## Device connector, front mounting - CA-12S1N8A6Y00 - 1619863

### Accessories

Protective cap - SF-Z0019 - 1607449



Plastic protection cap, with eye, IP40 for connectors with M23 external thread, RF, SF series

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Protective cap - RC-Z2059 - 1604225



Plastic protection cap for connectors with M23 external thread

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Plastic anti-static dust protection cap - RC-Z2469 - 1611797



Plastic protection cap, antistatic, for RF, SF, CA, RC series connectors, with M23 external thread

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Metal protective cap - RC-Z2104 - 1604260



Metal protection cap for signal connectors with M23 external thread

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Metal protective cap - RC-Z2068 - 1604236



Metal protection cap with steel wire for signal connectors with M23 external thread

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