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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Device connector, rear mounting - CA-12S1N12HZ00 - 1619790

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Device connector for rear wall, straight, shielded: yes, SPEEDCON locking, M23, Number of positions: 12, Type of contact: Socket, Solder connection, Seal, axial, Central fixing



### Key Commercial Data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 pc     |
| Custom tariff number | 85366990 |
| Country of origin    | Germany  |

### Technical data

#### Temperature range

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

#### Data of the insulating body

|                                                |                      |
|------------------------------------------------|----------------------|
| Coding                                         | N                    |
| Insulator material                             | PBT                  |
| Contact material                               | CuZn                 |
| Contact surface material                       | Ni/Au                |
| Contact connection method                      | Solder connection    |
| Type of contacts                               | Socket               |
| Number of positions                            | 12                   |
| Contact diameter of power contacts             | 1 mm                 |
| Litz wire cross section of power contacts min. | 0.08 mm <sup>2</sup> |
| Litz wire cross section of power contacts max. | 1 mm <sup>2</sup>    |
| Nominal current per power contact at 25°C      | 8 A                  |
| Nominal voltage, power contact                 | 150 V                |
| Overvoltage category                           | II                   |
| Degree of pollution                            | 3                    |

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### Technical data

#### Housing data

|                                        |                                                                      |
|----------------------------------------|----------------------------------------------------------------------|
| Housing material                       | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Type of locking                        | SPEEDCON locking                                                     |
| Degree of protection (when plugged in) | IP67                                                                 |
| Thread type                            | M23                                                                  |

### 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 | 27440103 |

#### ETIM

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

#### UNSPSC

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

### Approvals

#### Approvals

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##### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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##### Ex Approvals

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## Device connector, rear mounting - CA-12S1N12HZ00 - 1619790

### Approvals

Approvals submitted

#### Approval details

|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
| mm²/AWG/kcmil                                                                                   | 18    |
| Nominal current I <sub>N</sub>                                                                  | 8 A   |
| Nominal voltage U <sub>N</sub>                                                                  | 150 V |

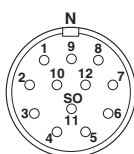
|                                                                                                  |       |
|--------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
| mm²/AWG/kcmil                                                                                    | 18    |
| Nominal current I <sub>N</sub>                                                                   | 6 A   |
| Nominal voltage U <sub>N</sub>                                                                   | 150 V |

|     |
|-----|
| EAC |
|-----|

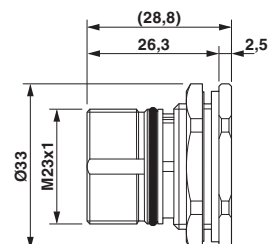
|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|------------------------------------------------------------------------------------------------------|

### Drawings

Schematic diagram

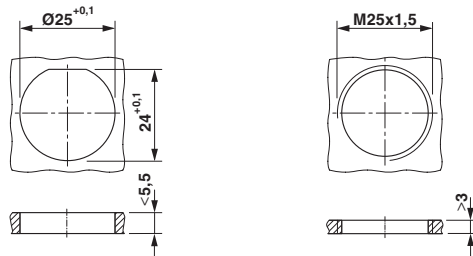


Dimensional drawing



## Device connector, rear mounting - CA-12S1N12HZ00 - 1619790

Dimensional drawing



### Installation dimensions

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