

## Cable connector - CA-07S1N8A80DN - 1619770

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Cable connector, straight, shielded: Yes, Screw locking, M23, Number of positions: 7, Type of contact: Socket, Crimp connection, Cable diameter: 3 mm ... 14.5 mm

The figure shows the 6-pos. product version

### Product Features



### 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

|                                                    |                                                          |
|----------------------------------------------------|----------------------------------------------------------|
| Note                                               | Order information Order crimp contacts Ø 2 mm separately |
| Insulator material                                 | PA 66                                                    |
| Direction of rotation of contact chamber numbering | Standard                                                 |
| Coding                                             | N                                                        |
| Contact connection method                          | Crimp connection                                         |
| Type of contacts                                   | Socket                                                   |
| Number of positions                                | 7                                                        |
| Contact diameter of power contacts                 | 2 mm                                                     |
| Nominal current per power contact at 25°C          | 20 A                                                     |
| Nominal voltage, power contact                     | 300 V                                                    |
| Surge voltage category                             | II                                                       |

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## Technical data

### Data of the insulating body

|                  |   |
|------------------|---|
| Pollution degree | 3 |
|------------------|---|

### Housing data

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

### Cable seal data

|                     |         |
|---------------------|---------|
| Min. cable diameter | 3 mm    |
| Max. cable diameter | 14.5 mm |
| Sealing material    | NBR     |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 272607xx |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260702 |
| eCl@ss 7.0 | 27440102 |
| eCl@ss 8.0 | 27440102 |

### ETIM

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

### UNSPSC

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

## Approvals

### Approvals

## Cable connector - CA-07S1N8A80DN - 1619770

### Approvals

#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
|                                                                                                 |       |
| mm²/AWG/kcmil                                                                                   | 14    |
| Nominal current I <sub>N</sub>                                                                  | 17 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 300 V |

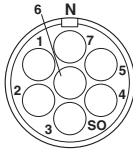
|                                                                                                    |       |
|----------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
|                                                                                                    |       |
| mm²/AWG/kcmil                                                                                      | 14    |
| Nominal current I <sub>N</sub>                                                                     | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V |

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

### Drawings

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Schematic diagram



Dimensional drawing

