

## Cable connector - CA-07P1N128006S - 1619574

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Cable connector, straight, shielded: Yes, SPEEDCON locking, M23, Number of positions: 7, Type of contact: Male connector, Solder connection, Cable diameter: 4 mm ... 6 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

|                                                    |                   |
|----------------------------------------------------|-------------------|
| Insulator material                                 | PBT               |
| Contact material                                   | CuZn              |
| Contact surface material                           | Ni/Au             |
| Direction of rotation of contact chamber numbering | Standard          |
| Coding                                             | N                 |
| Contact connection method                          | Solder connection |
| Type of contacts                                   | Male connector    |
| Number of positions                                | 7                 |
| Contact diameter of power contacts                 | 2 mm              |
| Litz wire cross section of power contacts min.     | 0.08 mm²          |

# Cable connector - CA-07P1N128006S - 1619574

## Technical data

### Data of the insulating body

|                                                |                     |
|------------------------------------------------|---------------------|
| Litz wire cross section of power contacts max. | 2.5 mm <sup>2</sup> |
| Nominal current per power contact at 25°C      | 20 A                |
| Nominal voltage, power contact                 | 300 V               |
| Surge voltage category                         | II                  |
| Pollution degree                               | 3                   |

### Housing data

|                                        |                  |
|----------------------------------------|------------------|
| Housing material                       | CuZn, GD-Zn      |
| Type of locking                        | SPEEDCON locking |
| Degree of protection (when plugged in) | IP67             |
| Thread type                            | M23              |

### Cable seal data

|                     |      |
|---------------------|------|
| Min. cable diameter | 4 mm |
| Max. cable diameter | 6 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 |

## Cable connector - CA-07P1N128006S - 1619574

### Approvals

#### 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>                                                                   | 20 A  |
| Nominal voltage U <sub>N</sub>                                                                   | 300 V |

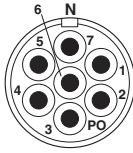
|                                                                                                    |       |
|----------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
| mm²/AWG/kcmil                                   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

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

### Drawings

## Cable connector - CA-07P1N128006S - 1619574

Schematic diagram



Dimensional drawing

