

Coupler connector - CA-06S1N129008 - 1620046

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>)



Coupling connector, straight, shielded: yes, SPEEDCON locking, M23, Number of positions: 6, Type of contact: Socket, Solder connection, Cable diameter: 10 mm ... 14.5 mm

Product Features

- 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
- Solder connection: proven connection technology for various litz wires



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 | 6 |
| Contact diameter of power contacts | 2 mm |
| Litz wire cross section of power contacts min. | 0.08 mm ² |

Coupler connector - CA-06S1N129008 - 1620046

Technical data

Data of the insulating body

| | |
|--|---------------------|
| Litz wire cross section of power contacts max. | 2.5 mm ² |
| Nominal current per power contact at 25°C | 20 A |
| Nominal voltage, power contact | 300 V |
| Overvoltage category | II |
| Degree of pollution | 3 |

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 |

Cable seal data

| | |
|---------------------|---------|
| Min. cable diameter | 10 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 |

Coupler connector - CA-06S1N129008 - 1620046

Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|--|-------|
| UL Recognized  | |
| mm ² /AWG/kcmil | 14 |
| Nominal current I _N | 20 A |
| Nominal voltage U _N | 300 V |

| | |
|--|-------|
| cUL Recognized  | |
| mm ² /AWG/kcmil | 14 |
| Nominal current I _N | 10 A |
| Nominal voltage U _N | 300 V |

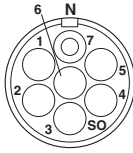
| |
|-----|
| EAC |
|-----|

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

Drawings

Coupler connector - CA-06S1N129008 - 1620046

Schematic diagram



Dimensional drawing

