

Cable connector - CA-19P1N128006S - 1619536

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Cable connector, straight, shielded: yes, SPEEDCON locking, M23, Number of positions: 16+3, Type of contact: Male connector, Solder connection, Cable diameter: 4 mm ... 6 mm

The figure shows the 12-pos. product version

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
- Reduced connection time with SPEEDCON fast locking system
- 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 | PA 66 |
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Contact connection method | Solder connection |
| Type of contacts | Male connector |

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Technical data

Data of the insulating body

| | |
|---|----------------------|
| Number of positions | 19 |
| Contact diameter of power contacts | 1.5 mm |
| Litz wire cross section of power contacts min. | 0.08 mm ² |
| Litz wire cross section of power contacts max. | 1 mm ² |
| Nominal current per power contact at 25°C | 10 A |
| Nominal voltage, power contact | 150 V |
| Contact diameter of signal contacts | 1 mm |
| Litz wire cross section of signal contacts min. | 0.08 mm ² |
| Litz wire cross section of signal contacts max. | 1 mm ² |
| Nominal current per signal contact at 25°C | 8 A |
| Nominal voltage, signal contact | 150 V |
| Overvoltage category | II |
| Degree of pollution | 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 |
|----------|----------|

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Classifications

ETIM

| | |
|----------|----------|
| 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

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|--------------------------------|-------|
| UL Recognized | |
| mm ² /AWG/kcmil | 18 |
| Nominal current I _N | 8 A |
| Nominal voltage U _N | 150 V |

| | |
|----------------------------|----|
| cUL Recognized | |
| mm ² /AWG/kcmil | 18 |

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Approvals

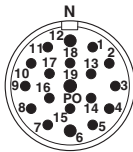
| | |
|-----------------------|-------|
| Nominal current I_N | 5 A |
| Nominal voltage U_N | 150 V |

EAC

cULus Recognized

Drawings

Schematic diagram



Dimensional drawing

