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Cable connector, straight, shielded: yes, SPEEDCON locking, M23, Number of positions: 17, Type of contact: Male connector, Solder connection, Cable diameter: 10 mm ... 14.5 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 | PBT |
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Contact connection method | Solder connection |
| Type of contacts | Male connector |



Technical data

Data of the insulating body

| Number of positions | 17 |
|--|----------|
| Contact diameter of power contacts | 1 mm |
| Litz wire cross section of power contacts min. | 0.08 mm² |
| Litz wire cross section of power contacts max. | 1 mm² |
| Nominal current per power contact at 25°C | 8 A |
| Nominal voltage, power 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 | 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 |



Classifications

UNSPSC

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

Approvals

| Α | p | p | ro | ٧ | al | S |
|---|---|---|----|---|----|---|
| | | | | | | |

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| UL Recognized 3 | |
|------------------------|-------|
| | |
| mm²/AWG/kcmil | 18 |
| Nominal current IN | 8 A |
| Nominal voltage UN | 150 V |

| cUL Recognized | |
|--------------------|-------|
| | |
| mm²/AWG/kcmil | 18 |
| Nominal current IN | 5 A |
| Nominal voltage UN | 150 V |

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



Approvals

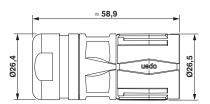


Drawings

Schematic diagram



Dimensional drawing



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