

Cable connector - ST-5ES1N8A8005S - 1624544

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Cable connector, straight, SPEEDCON locking, M17, Number of positions: 5+PE, Type of contact: Socket, Crimp connection, shielded: yes, Cable diameter: 10 mm...12.5 mm

The figure shows the 4-pos. (3+PE) product version

Product Features

- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly
- Flexible use: reliably connect various cable diameters
- Molded designs with pre-assembled cables on one or both sides



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 60.0 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

General

| | |
|--|---|
| Note | Order information: Order crimp contacts Ø 1 mm separately |
| Type of locking | SPEEDCON locking |
| Direction of rotation of contact chamber numbering | Standard |
| Coding | N |
| Contact connection method | Crimp connection |
| Type of contacts | Socket |
| Number of positions | 6 |
| Contact diameter of power contacts | 1 mm |
| Nominal current per power contact at 25°C | 14 A |

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Technical data

General

| | |
|-------------------------------------|-------------------|
| Contact diameter of signal contacts | 1 mm |
| Conductor entry | 10 mm ... 12.5 mm |
| Pg housing screw connection | none |

Ambient conditions

| | |
|----------------------|-------------------|
| Ambient temperature | -40 °C ... 125 °C |
| Degree of protection | IP67 |

Specifications according to DIN EN 61984:2001

| | |
|---|--------|
| Installation height max. | 3000 m |
| Nominal / operating voltage of power contacts | 630 V |
| Rated surge voltage of power contacts | 6 kV |
| Overvoltage category of power contacts | III |
| Degree of pollution of power contacts | 3 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260708 |
| eCl@ss 7.0 | 27440312 |
| eCl@ss 8.0 | 27440102 |

ETIM

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|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC002641 |

UNSPSC

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

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Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|--|-------|
| UL Recognized  | |
| mm ² /AWG/kcmil | 1.0 |
| Nominal current I _N | 6 A |
| Nominal voltage U _N | 600 V |

| | |
|--|-------|
| cUL Recognized  | |
| mm ² /AWG/kcmil | 1.0 |
| Nominal current I _N | 6 A |
| Nominal voltage U _N | 600 V |

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

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

Drawings

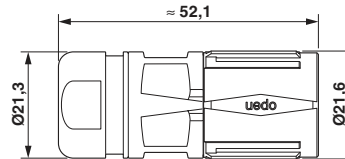
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Schematic diagram

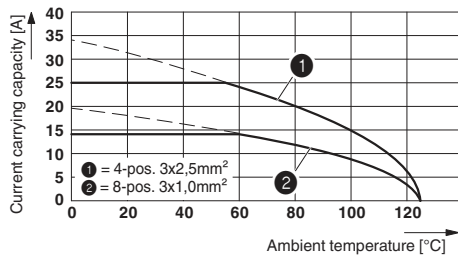


Connector pin assignment

Dimensional drawing



Diagram



Diagram

