

Cable connector - ST-17S1N8A8004 - 1607643

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://download.phoenixcontact.com>)



Cable connector, straight, Screw locking, M17, Number of positions: 17, Type of contact: Socket, Crimp connection, Shielded: Yes, Cable cross section: 8 mm...10 mm



Key commercial data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 PCE |
| Weight per Piece (excluding packing) | 154.5 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

General

| | |
|--|--|
| Note | Order information Order crimp contacts Ø 0.6 mm separately |
| Type of locking | Screw locking |
| Direction of rotation of contact chamber numbering | Standard |
| Coding | N |
| Contact connection method | Crimp connection |
| Type of contacts | Socket |
| Number of positions | 17 |
| Contact diameter of power contacts | 0.6 mm |
| Nominal current per power contact at 25°C | 3.6 A |
| Conductor entry | 8 mm ... 10 mm |

Ambient conditions

| | |
|----------------------|-------------------|
| Ambient temperature | -20 °C ... 125 °C |
| Degree of protection | IP67 |

Material

| | |
|------------------|--|
| Housing material | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
|------------------|--|

Cable connector - ST-17S1N8A8004 - 1607643

Technical data

Material

| | |
|----------------------------|-------|
| Insulator material | PA 66 |
| Gasket and O-ring material | FPM |

Specifications according to DIN EN 61984:2001

| | |
|---|--------|
| Installation height max. | 3000 m |
| Nominal / operating voltage of power contacts | 60 V |
| Rated surge voltage of power contacts | 1.5 kV |
| Surge voltage category of power contacts | III |
| Pollution degree of power contacts | 3 |
| Surge voltage category of signal contacts | II |
| Pollution degree of signal 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 | 27440312 |

ETIM

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

UNSPSC

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

Approvals

Approvals

Cable connector - ST-17S1N8A8004 - 1607643

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details



Accessories

Accessories

Crimp contact

Crimp contact - ST-06KS010 - 1607580



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.08 mm²...0.25 mm²

Crimp contact - ST-06KS020 - 1607581



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.14 mm²...0.34 mm²

Cable connector - ST-17S1N8A8004 - 1607643

Accessories

Crimp contact - ST-06KS030 - 1607582



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.34 mm²...0.5 mm²

Mounting material

Color-coding - ST-Z0016 - 1617993



Color-coding, Color: green

Color-coding - ST-Z0017 - 1618049



Color-coding, Color: orange

Color-coding - ST-Z0018 - 1618050



Color-coding, Color: black

Protective cover

Plastic dust protection cap - ST-Z0007 - 1607777



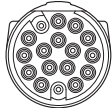
Plastic dust protection cap for connectors with M17 knurled nuts and M17 Speedcon knurled nuts

Cable connector - ST-17S1N8A8004 - 1607643

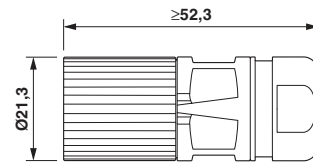
Accessories

Drawings

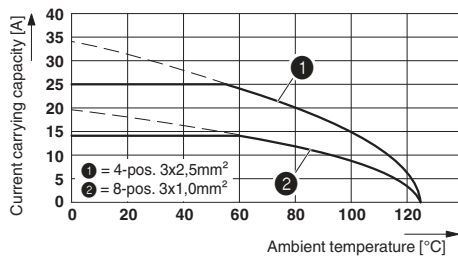
Schematic diagram



Dimensioned drawing



Diagram



Diagram

