

## Cable connector - ST-17S1N8A8003 - 1607641

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: 5 mm...8 mm



### Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	154.4 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	5 mm ... 8 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-17S1N8A8003 - 1607641

## 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-17S1N8A8003 - 1607641

### Approvals

Approvals

GOST

---

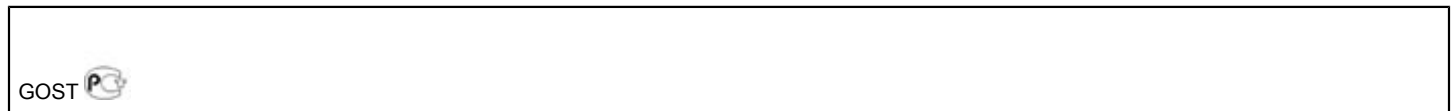
Ex Approvals

---

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 mm<sup>2</sup>...0.25 mm<sup>2</sup>

---

Crimp contact - ST-06KS020 - 1607581



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.14 mm<sup>2</sup>...0.34 mm<sup>2</sup>

---

## Cable connector - ST-17S1N8A8003 - 1607641

### Accessories

Crimp contact - ST-06KS030 - 1607582



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.34 mm<sup>2</sup>...0.5 mm<sup>2</sup>

---

### 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



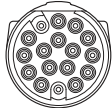
Plastic dust protection cap for connectors with M17 knurled nuts and M17 Speedcon knurled nuts

# Cable connector - ST-17S1N8A8003 - 1607641

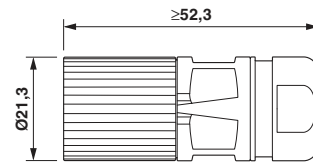
## Accessories

## Drawings

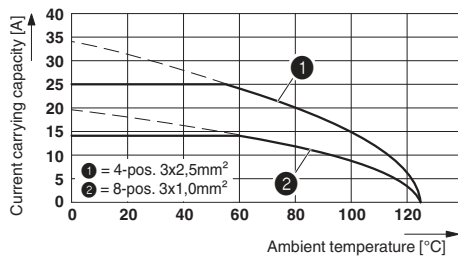
Schematic diagram



Dimensioned drawing



Diagram



Diagram

