

## Cable connector - ST-3ES1N8A8004 - 1607684

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Cable connector, straight, Screw locking, M17, Number of positions: 3+PE, 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)	149.5 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	Order information Order crimp contacts Ø 2 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	4
Contact diameter of power contacts	2 mm
Nominal current per power contact at 25°C	20 A
Contact diameter of signal contacts	2 mm
Conductor entry	8 mm ... 10 mm

#### Ambient conditions

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

#### Material

## Cable connector - ST-3ES1N8A8004 - 1607684

### Technical data

#### Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 66
Contact material	Cu alloy
Contact surface	pre-nickel plated, gold-plated
Gasket and O-ring material	FPM

#### 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
Surge voltage category of power contacts	III
Pollution degree 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	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-3ES1N8A8004 - 1607684

### Approvals

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Approvals

GOST

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Ex Approvals

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Approvals submitted

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### Approval details



### Accessories

Accessories

Crimp contact

Crimp contact - ST-20KS010 - 1607657



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 0.25 mm<sup>2</sup>...1 mm<sup>2</sup>

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Crimp contact - ST-20KS020 - 1607658



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 1 mm<sup>2</sup>...2.5 mm<sup>2</sup>

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### Mounting material

## Cable connector - ST-3ES1N8A8004 - 1607684

### Accessories

Color-coding - ST-Z0016 - 1617993



Color-coding, Color: green

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Color-coding - ST-Z0017 - 1618049



Color-coding, Color: orange

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Color-coding - ST-Z0018 - 1618050



Color-coding, Color: black

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### Protective cover

Plastic dust protection cap - ST-Z0007 - 1607777



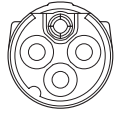
Plastic dust protection cap for connectors with M17 knurled nuts and M17 Speedcon knurled nuts

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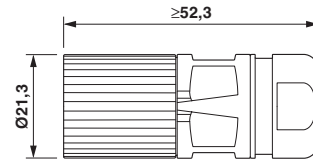
### Drawings

# Cable connector - ST-3ES1N8A8004 - 1607684

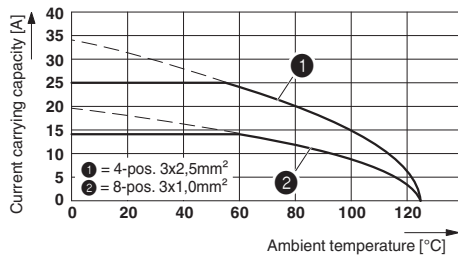
Schematic diagram



Dimensioned drawing



Diagram



Diagram

