

Cable connector - ST-7ES1N8A8004S - 1607759

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Cable connector, straight, SPEEDCON locking, M17, Number of positions: 7+PE, Type of contact: Socket, Crimp connection, Shielded: Yes, Cable cross section: 8 mm...10 mm

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



Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	13.9 GRM
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	8
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	14 A
Contact diameter of signal contacts	1 mm
Conductor entry	8 mm ... 10 mm

Ambient conditions

Ambient temperature	-20 °C ... 125 °C
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Technical data

Ambient conditions

Degree of protection	IP67
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Material

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

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Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details



Accessories

Accessories

Crimp contact

Crimp contact - ST-10KS010 - 1618239



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - ST-10KS020 - 1618251



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.35 mm²...0.5 mm²

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Accessories

Crimp contact - ST-10KS030 - 1618254



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.5 mm²...1 mm²

Crimp contact - SF-10KS320 - 1607031



Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - SF-10KS350 - 1607032



Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.2 mm²...0.56 mm²

Crimp contact - SF-10KS330 - 1607358



Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - SF-10KS360 - 1607361



Crimp contact, turned, Taped articles, Contact diameter: 1 mm, Crimp range: 0.2 mm²...0.56 mm²

Mounting material

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Accessories

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

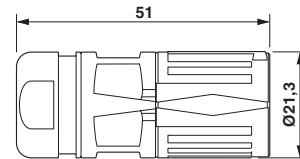
Drawings

Cable connector - ST-7ES1N8A8004S - 1607759

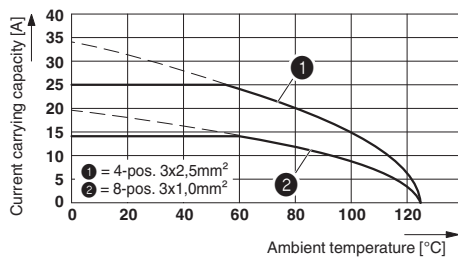
Schematic diagram



Dimensioned drawing



Diagram



Diagram

