

Cable connector - ST-8ES1N8A8005S - 1624639

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, SPEEDCON locking, M17, Number of positions: 5+3+PE, Type of contact: Socket, Crimp connection, Shielded: Yes, Cable cross section: 10 mm...12.5 mm

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



Key commercial data

Packing unit	1 pc
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	Order information Order crimp contacts 5 x 0.6 mm, 4 x 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	9
Nominal current per power contact at 25°C	14 A
Nominal current per signal contact at 25°C	3.6 A
Conductor entry	10 mm ... 12.5 mm

Ambient conditions

Degree of protection	IP67
----------------------	------

Specifications according to DIN EN 61984:2001

Installation height max.	3000 m
Nominal / operating voltage of power contacts	630 V

Cable connector - ST-8ES1N8A8005S - 1624639

Technical data

Specifications according to DIN EN 61984:2001

Rated surge voltage of power contacts	6 kV
Surge voltage category of power contacts	III
Pollution degree of power contacts	3
Nominal / operating voltage of signal contacts	60 V
Rated surge voltage of signal contacts	1.5 kV
Surge voltage category of signal contacts	III
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

Approvals

GOST

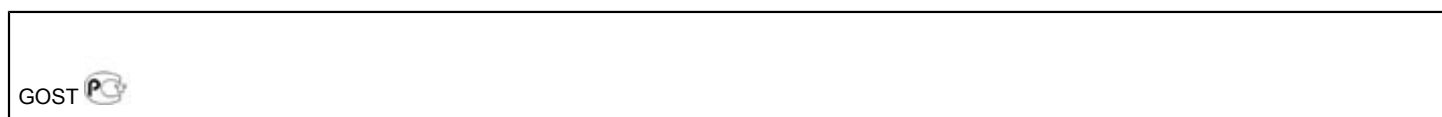
Cable connector - ST-8ES1N8A8005S - 1624639

Approvals

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

Crimp contact - ST-06KS030 - 1607582



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

Cable connector - ST-8ES1N8A8005S - 1624639

Accessories

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: 0.34 mm²...0.5 mm²

Crimp contact - ST-10KS030 - 1618254



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

Mounting material

Color-coding - ST-Z0016 - 1617993



Color-coding, Color: green

Color-coding - ST-Z0017 - 1618049



Color-coding, Color: orange

Cable connector - ST-8ES1N8A8005S - 1624639

Accessories

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

Schematic diagram



Dimensioned drawing

