

Cable connector - ST-5ES1N8A8K03S - 1618620

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://phoenixcontact.com/download)



Cable connector, straight, SPEEDCON locking, M17, Number of positions: 5+PE, Type of contact: Socket, Crimp connection, shielded: yes, Cable diameter: 5 mm...9.2 mm

The illustration shows the 4-position version

Product Features

- Reduced size: ideal for compact devices
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly
- Flexible use: reliably connect various cable diameters



Key Commercial Data

Packing unit	1 pc
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	6
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	14 A
Contact diameter of signal contacts	1 mm

05/17/2016 Page 1 / 4



Cable connector - ST-5ES1N8A8K03S - 1618620

Technical data

General

Conductor entry	5 mm 9.2 mm
Pg housing screw connection	none
Ambient conditions	
Ambient temperature	-40 °C 125 °C
Degree of protection	IP67
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
Overvoltage category of power contacts	III
Degree of pollution 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	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
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



٦

Cable connector - ST-5ES1N8A8K03S - 1618620

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

Г

Г

UL Recognized	
mm²/AWG/kcmil	1.0
Nominal current IN	6 A
Nominal voltage UN	600 V

mm²/AWG/kcmil	1.0
Nominal current IN	6 A
Nominal voltage UN	600 V

EAC

cULus Recognized

Drawings

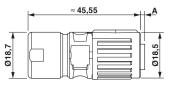


Cable connector - ST-5ES1N8A8K03S - 1618620

Schematic diagram

Connector pin assignment

Dimensional drawing



Phoenix Contact 2016 $\ensuremath{\mathbb{C}}$ - all rights reserved http://www.phoenixcontact.com