

# Coupler connector - ST-7ES1N8A9K03S - 1618717

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Coupler connector, straight, SPEEDCON locking, M17, Number of positions: 7+PE, Type of contact: Socket, Crimp connection, shielded: yes, Cable diameter: 5 mm...9.2 mm

## Why buy this product

- 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 STK
GTIN	 4 046356 811545
Weight per Piece (excluding packing)	44.44 g
Weight per piece (including packing)	44.44 g
Country of origin	Germany
Note	Made to Order (non-returnable)

## 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	5 mm ... 9.2 mm
Pg housing screw connection	none

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## Technical data

### 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	27260702
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
ETIM 5.0	EC002635

### 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

UL Recognized / cUL Recognized / EAC / cULus Recognized

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## Approvals

Ex Approvals

Approvals submitted

## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	1.0
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	600 V

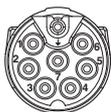
cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	1.0
Nominal current I <sub>N</sub>	5 A
Nominal voltage U <sub>N</sub>	600 V

EAC

cULus Recognized	
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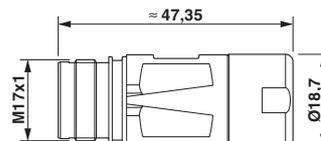
## Drawings

Schematic diagram



Connector pin assignment

Dimensional drawing



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