

Coupler connector - ST-6EP1N8A9K03S - 1618705

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Coupler connector, straight, SPEEDCON locking, M17, Number of positions: 6+PE, Type of contact: Male connector, 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	Male connector
Number of positions	7
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	14 A
Contact diameter of signal contacts	1 mm

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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	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440102

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

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Approvals


Approvals


UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals


Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	1.0
Nominal current I _N	6 A
Nominal voltage U _N	600 V

cUL Recognized 	
mm ² /AWG/kcmil	1.0
Nominal current I _N	6 A
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EAC

cULus Recognized 	
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Drawings

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Schematic diagram



Connector pin assignment

Dimensional drawing

