

## Coupler connector - ST-5EP1N8A9004S - 1607707

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Coupler connector, straight, SPEEDCON locking, M17, Number of positions: 5+PE, Type of contact: Male connector, Crimp connection, shielded: yes, Cable diameter: 8 mm...10 mm

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

### Product Features

- 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	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
Conductor entry	8 mm ... 10 mm

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## Technical data

### General

Pg housing screw connection	none
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### Ambient conditions

Ambient temperature	-40 °C ... 125 °C
Degree of protection	IP67

### 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
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	EC001121
ETIM 5.0	EC002635

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404

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### Classifications

#### UNSPSC

UNSPSC 13.2	43201404
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### Approvals

#### Approvals


#### Approvals


UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Recognized 	
mm²/AWG/kcmil	1.0
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	600 V


cUL Recognized 	
mm²/AWG/kcmil	1.0
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	600 V

EAC
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EAC
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### Approvals

cULus Recognized 

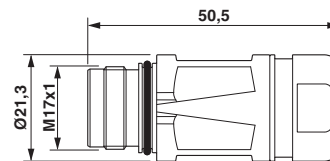
### Drawings

Schematic diagram

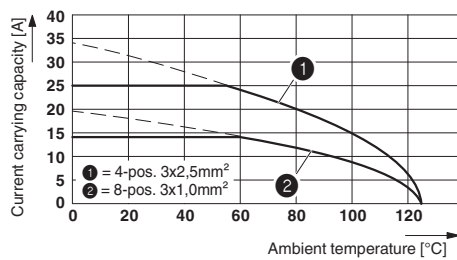


Connector pin assignment

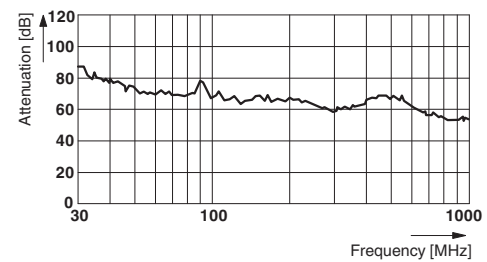
Dimensional drawing



Diagram



Diagram



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