

## Device connector, rear mounting - ST-3EP1N8AH100S - 1613545

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Device connector, rear mounting, straight, SPEEDCON locking, M17, Number of positions: 3+PE, Type of contact: Male connector, Crimp connection, Axial O-ring, Central fixing, shielded: yes

### Why buy this product

- Application-specific wall mounting optionally with thread or anti-rotation protection and lock nut
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly



### Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	Order information: Order crimp contacts $\varnothing$ 2 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	4
Contact diameter of power contacts	2 mm
Nominal current per power contact at 25°C	20 A

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## Technical data

### General

Contact diameter of signal contacts	2 mm
Pg housing screw connection	none
Mounting type	Central fixing

### Ambient conditions

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

### Material

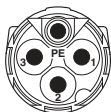
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 66
Gasket and O-ring material	FPM

### 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

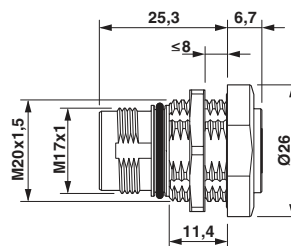
## Drawings

Schematic diagram

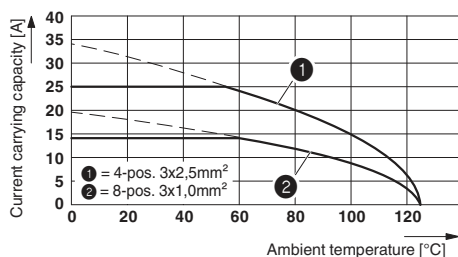


Connector pin assignment

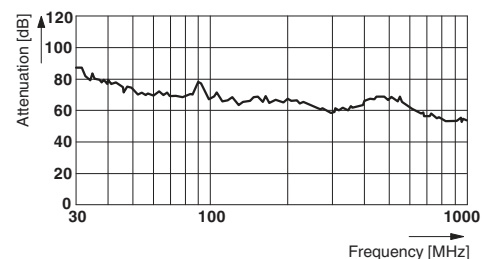
Dimensional drawing



Diagram

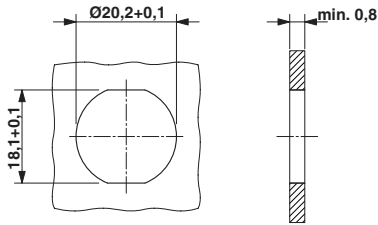


Diagram

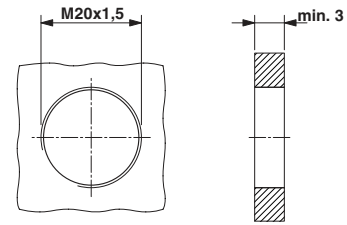


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Dimensional drawing



Dimensional drawing



Installation dimensions: mounting with anti-rotation protection and locking nut

Installation dimensions: mounting with thread

### Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002061

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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UL Recognized / cUL Recognized / EAC / cULus Recognized

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## Approvals

Ex Approvals

### Approval details

UL Recognized <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 335019

mm <sup>2</sup> /AWG/kcmil	14
Nominal current I <sub>N</sub>	15 A
Nominal voltage U <sub>N</sub>	600 V

cUL Recognized <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 335019

mm <sup>2</sup> /AWG/kcmil	14
Nominal current I <sub>N</sub>	15 A
Nominal voltage U <sub>N</sub>	600 V

EAC B.01742

cULus Recognized <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

## Accessories

Accessories

Crimp contact

Crimp contact - ST-20KP010 - 1607655



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 0.25 mm<sup>2</sup>...1 mm<sup>2</sup>

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### Accessories

Crimp contact - ST-20KP020 - 1607656



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 1 mm<sup>2</sup>...2.5 mm<sup>2</sup>

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### Mounting material

Color-coding - ST-Z0019 - 1620621



Color-coding, Color: green

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Color-coding - ST-Z0020 - 1620622



Color-coding, Color: orange

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Color-coding - ST-Z0021 - 1620623



Color-coding, Color: black

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M20 x 1.5 locking nut - RC-13041 - 1600417



M20 x 1.5 locking nut

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### Accessories

Contact removal tool - ST-Z0001 - 1607770



Unlocking tool for contact carriers for snapping in the M17 device connectors

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### Protective cover

Plastic dust protection cap - ST-Z0006 - 1607776



Plastic dust protection cap for connectors with M17 external thread

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Metal dust protection cap - ST-Z0014 - 1616069



Metal dust protection cap for connectors, with M17 external thread

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Metal dust protection cap - ST-Z0013 - 1616068



Metal dust protection cap with steel wire for connectors with M17 external thread

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