

Device connector, rear mounting - ST-5EP1N8AH100S - 1613549

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Device connector, rear mounting, straight, SPEEDCON locking, M17, Number of positions: 5+PE, Type of contact: Male connector, Crimp connection, Axial O-ring, Central fixing, shielded: yes

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

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)	28.150 g
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

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Technical data

General

Nominal current per power contact at 25°C	14 A
Contact diameter of signal contacts	1 mm
Pg housing screw connection	none
Mounting type	Central fixing

Ambient conditions

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

Material

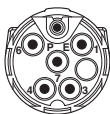
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 66
Gasket and O-ring material	FPM

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

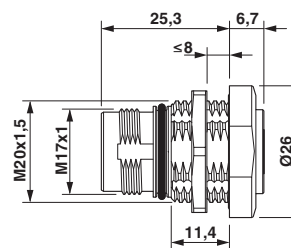
Drawings

Schematic diagram



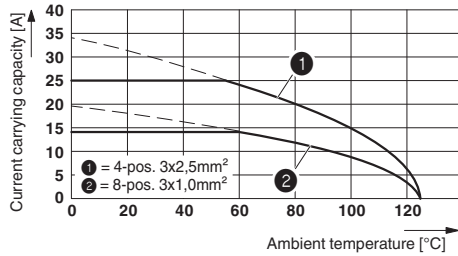
Connector pin assignment

Dimensional drawing

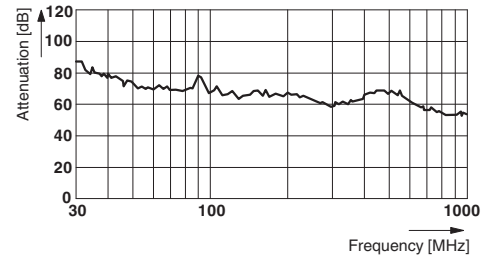


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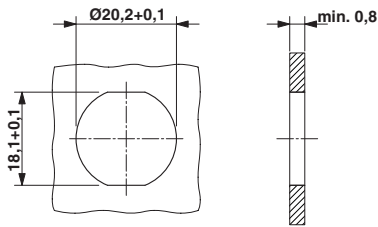
Diagram



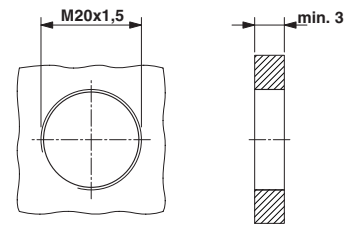
Diagram



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

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Classifications

UNSPSC

UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals


Approvals


Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized


Ex Approvals

Approval details

UL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 335019	
mm ² /AWG/kcmil	1.0
Nominal current IN	6 A
Nominal voltage UN	600 V

cUL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 335019	
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EAC B.01742

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

Accessories

Crimp contact

Crimp contact - ST-10KP010 - 1618255



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - ST-10KP020 - 1618256



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.34 mm²...0.5 mm²

Crimp contact - ST-10KP030 - 1618261



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.5 mm²...1 mm²

Crimp contact - SF-10KP320 - 1615961



Crimp contact, Rolled, Taped articles, Number of pieces per reel: 2500, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - SF-10KP350 - 1615963



Crimp contact, Rolled, Taped articles, Number of pieces per reel: 2500, Contact diameter: 1 mm, Crimp range: 0.2 mm²...0.56 mm²

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Accessories

Crimp contact - SF-10KP330 - 1615962



Crimp contact, Rolled, Taped articles, Number of pieces per reel: 10000, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - SF-10KP360 - 1615964



Crimp contact, Rolled, Taped articles, Number of pieces per reel: 10000, Contact diameter: 1 mm, Crimp range: 0.2 mm²...0.56 mm²

Mounting material

Color-coding - ST-Z0019 - 1620621



Color-coding, Color: green

Color-coding - ST-Z0020 - 1620622



Color-coding, Color: orange

Color-coding - ST-Z0021 - 1620623



Color-coding, Color: black

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Accessories

M20 x 1.5 locking nut - RC-13041 - 1600417



M20 x 1.5 locking nut

Contact removal tool - ST-Z0001 - 1607770



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

Protective cover

Plastic dust protection cap - ST-Z0006 - 1607776



Plastic dust protection cap for connectors with M17 external thread

Metal dust protection cap - ST-Z0014 - 1616069



Metal dust protection cap for connectors, with M17 external thread

Metal dust protection cap - ST-Z0013 - 1616068



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