

Device connector, front mounting - ST-3EP1N8AWQ00S - 1607675

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Device connector, front mounting, straight, SPEEDCON locking, M17, Number of positions: 3+PE, Type of contact: Male connector, Crimp connection, Axial O-ring, 4xØ2,7, shielded: yes, Flange dimensions: 21.6 mm x 21.6 mm

The figure shows the 8-pos. (4+3+PE) product version

Product Features

- Ideal for compact devices
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	48.38 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	Order information: Order crimp contacts Ø 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
Contact diameter of signal contacts	2 mm

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Technical data

General

Pg housing screw connection	none
Mounting type	4xØ2,7

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
Contact material	Cu alloy
Contact surface	pre-nickel plated, gold-plated
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	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

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Classifications

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	14
Nominal current I _N	15 A
Nominal voltage U _N	600 V

cUL Recognized 	
mm ² /AWG/kcmil	14
Nominal current I _N	15 A
Nominal voltage U _N	600 V

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Approvals

EAC

EAC

cULus Recognized 

Accessories

Accessories

Crimp contact

Crimp contact - ST-20KP010 - 1607655



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 0.25 mm²...1 mm²

Crimp contact - ST-20KP020 - 1607656



Crimp contact, turned, Single contact, Contact diameter: 2 mm, Crimp range: 1 mm²...2.5 mm²

Mounting material

Color-coding - ST-Z0019 - 1620621



Color-coding, Color: green

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Accessories

Color-coding - ST-Z0020 - 1620622



Color-coding, Color: orange

Color-coding - ST-Z0021 - 1620623



Color-coding, Color: black

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

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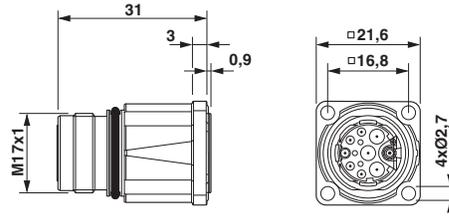
Drawings

Schematic diagram

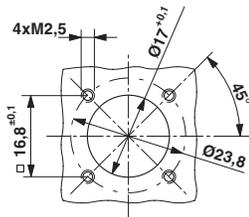


Connector pin assignment

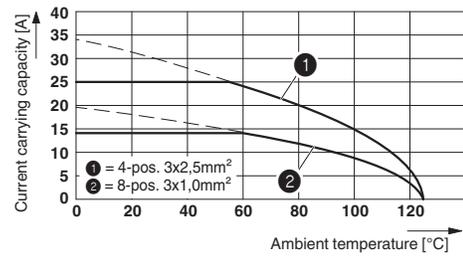
Dimensional drawing



Schematic diagram



Diagram



Diagram

