

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: Pin, 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

Why buy this product

- 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 STK
GTIN	
GTIN	4046356273824
Weight per Piece (excluding packing)	48.380 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

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Technical data

General

Type of contacts	Pin
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
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

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

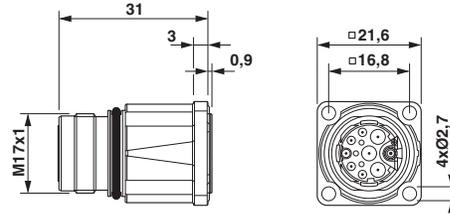
Device connector, front mounting - ST-3EP1N8AWQ00S - 1607675

Schematic diagram

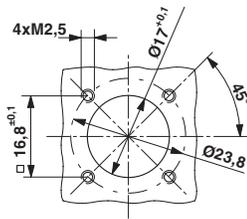


Connector pin assignment

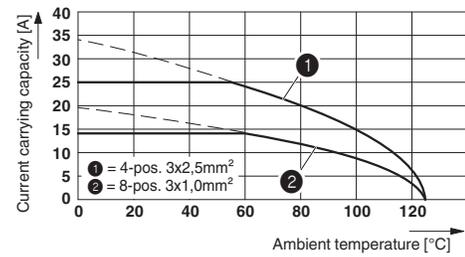
Dimensional drawing



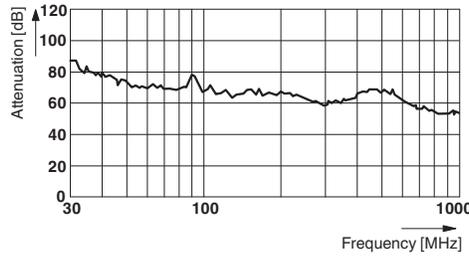
Schematic diagram



Diagram



Diagram



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
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Classifications

ETIM

ETIM 4.0	EC001121
ETIM 5.0	EC002061
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	39121413

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	14		
Nominal current I _N	15 A		
Nominal voltage U _N	600 V		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335019
mm ² /AWG/kcmil	14		
Nominal current I _N	15 A		
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Approvals

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm
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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

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

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Accessories

Metal dust protection cap - ST-Z0013 - 1616068



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

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