

## Device connector, front mounting - ST-17P1N8AWQ00S - 1607636

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Device connector, front mounting, straight, SPEEDCON locking, M17, Number of positions: 17, 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. product version

### Why buy this product

- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly
- Flexible mounting, thanks to snap-in contact inserts



### Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356273466
Weight per Piece (excluding packing)	28.200 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### General

Note	Order information: Order crimp contacts Ø 0.6 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	17
Contact diameter of power contacts	0.6 mm

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## Technical data

### General

Nominal current per power contact at 25°C	3.6 A
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
Gasket and O-ring material	FPM

### Specifications according to DIN EN 61984:2001

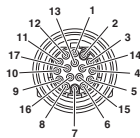
Installation height max.	3000 m
Nominal / operating voltage of power contacts	60 V
Rated surge voltage of power contacts	1.5 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3

### Environmental Product Compliance

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

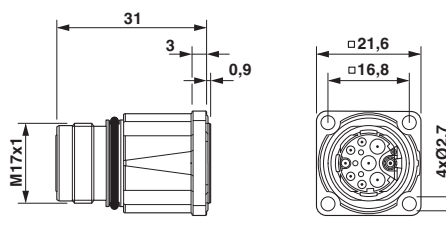
## Drawings

Schematic diagram

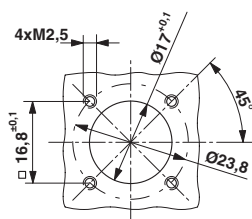


Connector pin assignment

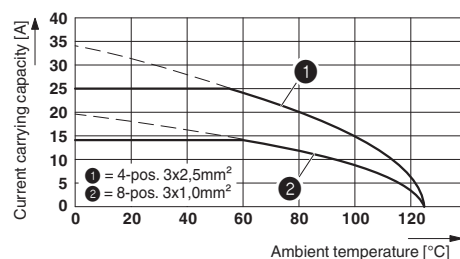
Dimensional drawing



Schematic diagram

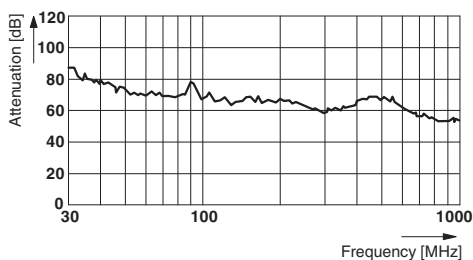


Diagram



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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
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

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UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

## Device connector, front mounting - ST-17P1N8AWQ00S - 1607636

### Approvals

#### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 335019
mm <sup>2</sup> /AWG/kcmil	0.14-0.6		
Nominal current I <sub>N</sub>	1 A		
Nominal voltage U <sub>N</sub>	60 V		

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 335019
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Nominal current I <sub>N</sub>	1 A		
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EAC		B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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### Accessories

#### Accessories

##### Crimp contact

Crimp contact - ST-06KP010 - 1607577



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.08 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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### Accessories

Crimp contact - ST-06KP020 - 1607578



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.14 mm<sup>2</sup>...0.34 mm<sup>2</sup>

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Crimp contact - ST-06KP030 - 1607579



Crimp contact, turned, Contact diameter: 0.6 mm, Crimp range: 0.34 mm<sup>2</sup>...0.5 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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## Device connector, front mounting - ST-17P1N8AWQ00S - 1607636

### Accessories

Contact removal tool - ST-Z0001 - 1607770



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

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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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