

## Device connector, front mounting - ST-3ES1N8AWK00S - 1619189

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Device connector, front mounting, straight, SPEEDCON locking, M17, number of positions: 3+PE, type of contact: Socket, Crimp connection, Axial O-ring, 4x Ø 3.2, shielded: yes, flange dimensions: 25.75 mm x 25.75 mm

### 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	 4 046356 827317
GTIN	4046356827317
Weight per Piece (excluding packing)	40.000 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	Socket
Number of positions	4

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## Technical data

### General

Contact diameter of power contacts	2 mm
Nominal current per power contact at 25°C	25 A
Contact diameter of signal contacts	2 mm
Pg housing screw connection	none
Mounting type	4x Ø 3.2

### Ambient conditions

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

### Specifications according to DIN EN 61984:2001

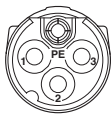
Installation height max.	3000 mm
Nominal / operating voltage of power contacts	630 V
Rated surge voltage of power contacts	6 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3

### Environmental Product Compliance

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

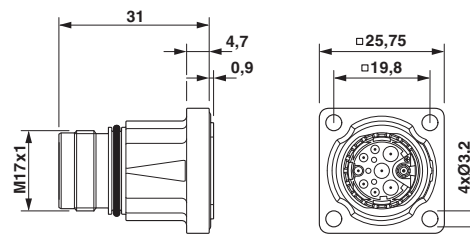
## Drawings

Schematic diagram



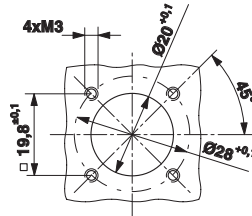
Connector pin assignment

Dimensional drawing



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Schematic diagram



Installation dimensions

### Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002635
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

# Device connector, front mounting - ST-3ES1N8AWK00S - 1619189

## Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized

### Ex 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
Nominal voltage UN		600 V	
Nominal current IN		15 A	
mm <sup>2</sup> /AWG/kcmil		14	

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
Nominal voltage UN		600 V	
Nominal current IN		15 A	
mm <sup>2</sup> /AWG/kcmil		14	

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

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Crimp contact

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### Accessories

Crimp contact - ST-20KS010 - 1607657



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

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Crimp contact - ST-20KS020 - 1607658



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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### 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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