

## Device connector, front mounting - ST-6ES1N8AW400S - 1613588

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Device connector, front mounting, straight, SPEEDCON locking, M17, Number of positions: 6+PE, Type of contact: Socket, Crimp connection, Axial O-ring, 4xØ2,7, shielded: Yes, Flange dimensions: 21.6 mm x 21.6 mm

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



### Key commercial data

Packing unit	1 pc
GTIN	 4 046356 401364
Weight per Piece (excluding packing)	28.56 g
Custom tariff number	85366990
Country of origin	Germany
Product key	ABRCAJ
Note	Made to Order (non-returnable)

### 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	Socket
Number of positions	7
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	14 A
Contact diameter of signal contacts	1 mm
Mounting type	4xØ2,7

#### Ambient conditions

Ambient temperature	-20 °C ... 125 °C
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## Technical data

### Ambient conditions

Degree of protection	IP67
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### 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
Surge voltage category of power contacts	III
Pollution degree 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	27440209

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002635

### UNSPSC

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

## Approvals

### Approvals

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## Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	1
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	600 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	1
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	600 V

cULus Recognized	
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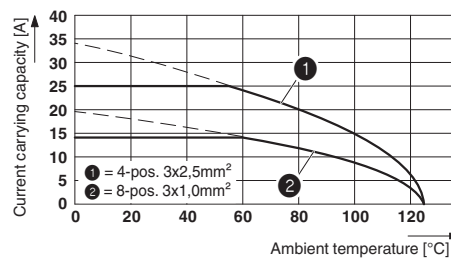
## Drawings

Schematic diagram



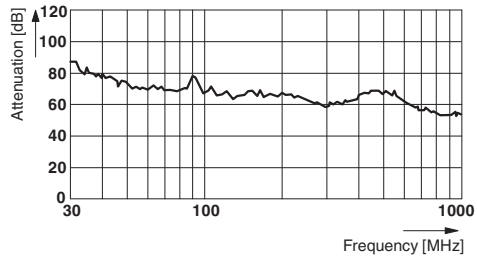
Connector pin assignment

Diagram



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Diagram



Dimensioned drawing

