

Device connector, front mounting - ST-3EP1N8AA500S - 1620444

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Device connector, front mounting, angled rotatable, SPEEDCON locking, M17, Number of positions: 3+PE, Type of contact: Male connector, Crimp connection, Axial O-ring, 4x Ø3.2, shielded: yes, Flange dimensions: 25.75 mm x 25.75 mm

The figure shows the 4-pos. version with sockets

Product Features

- Easy connection, thanks to infinitely adjustable cable outlet direction up to 310°
- 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
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	Order information: Order 4 x Ø 2 mm crimp contacts 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
Pg housing screw connection	none



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General

Mounting type	4x Ø3.2
Ambient conditions	
Ambient temperature	-40 °C 125 °C
Degree of protection	IP67
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	111
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	EC002635
ETIM 5.0	EC002061

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 / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

mm²/AWG/kcmil	14
Nominal current IN	15 A
Nominal voltage UN	600 V

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EAC

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cULus Recognized

Drawings



Device connector, front mounting - ST-3EP1N8AA500S - 1620444

Schematic diagram



Connector pin assignment



Dimensional drawing





Installation dimensions

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