

Device connector, front mounting - ST-5EP1N8AA400S - 1620431

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Device connector, front mounting, angled rotatable, SPEEDCON locking, M17, Number of positions: 5+PE, Type of contact: Male connector, Crimp connection, Axial O-ring, 4xØ2,7, 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 6 x Ø 1 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	6
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	14 A
Contact diameter of signal contacts	1 mm
Pg housing screw connection	none

Device connector, front mounting - ST-5EP1N8AA400S - 1620431

Technical data

General

Mounting type	4xØ2,7
---------------	--------

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	III
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

Device connector, front mounting - ST-5EP1N8AA400S - 1620431

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	1.0
Nominal current I _N	6 A
Nominal voltage U _N	600 V

cUL Recognized 	
mm ² /AWG/kcmil	1.0
Nominal current I _N	6 A
Nominal voltage U _N	600 V

EAC

cULus Recognized 	
--	--

Drawings

Device connector, front mounting - ST-5EP1N8AA400S - 1620431

Schematic diagram



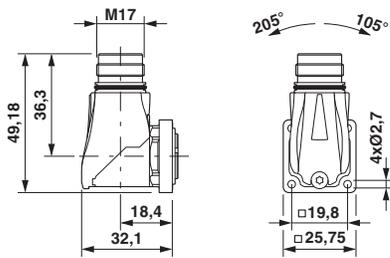
Connector pin assignment

Schematic diagram



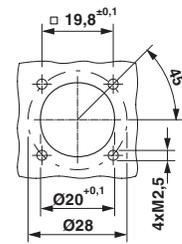
Connector pin assignment

Dimensional drawing



Dimensional drawing

Dimensional drawing



Drill holes