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Device connector, front mounting - ST-8ES1N8AW500S - 1620461

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The illustration shows the 8-position version

Device connector, front mounting, straight, SPEEDCON locking, M17, Number of positions: 5+3+PE, Type of contact: Socket, Crimp connection, Axial O-ring, 4x Ø3.2, shielded: yes, Flange dimensions: 25.75 mm x 25.75 mm

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 828123

Technical data

General

Note	Order information Order crimp contacts 5 x 0.6 mm, 4 x 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	9
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	14 A
Contact diameter of signal contacts	0.6 mm
Nominal current per signal contact at 25°C	3.6 A
Pg housing screw connection	none
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 mm
Nominal / operating voltage of power contacts	630 V

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Specifications according to DIN EN 61984:2001

Rated surge voltage of power contacts	6 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3
Nominal / operating voltage of signal contacts	60 V
Rated surge voltage of signal contacts	1.5 kV
Overvoltage category of signal contacts	III
Degree of pollution of signal 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

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

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Device connector, front mounting - ST-8ES1N8AW500S - 1620461

Approvals

Approvals submitted

Approval details

UL Recognized

mm²/AWG/kcmil	0.5
Nominal current IN	3.5 A
Nominal voltage UN	600 V

cUL Recognized

mm²/AWG/kcmil	0.5
Nominal current IN	3.5 A
Nominal voltage UN	600 V

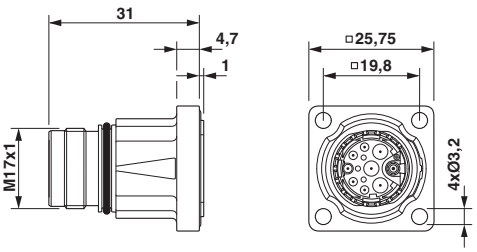
cULus Recognized

Drawings

Schematic diagram

Connector pin assignment

Dimensional drawing



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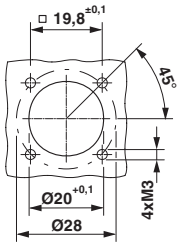
Schematic diagram



Installation dimensions

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com

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Product	Code	Reference	Product link
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