

Device connector, rear mounting - ST-6ES1N8AH100S - 1613587

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Device connector, rear mounting, straight, for standard and SPEEDCON interlock, M17, number of positions: 6+PE, type of contact: Socket, Crimp connection, Axial O-ring, Central fixing, shielded: yes

The figure shows the 8-pos. (7+PE) product version

Your advantages

- Application-specific wall mounting optionally with thread or anti-rotation protection and lock nut
- 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
GTIN	 4 046356 401357
GTIN	4046356401357
Weight per Piece (excluding packing)	27.150 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	Order information: Order crimp contacts Ø 1 mm separately
Type of locking	for standard and SPEEDCON interlock
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

Device connector, rear mounting - ST-6ES1N8AH100S - 1613587

Technical data

General

Contact diameter of signal contacts	1 mm
Pg housing screw connection	none
Mounting type	Central fixing

Ambient conditions

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

Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 6.6
Gasket and O-ring material	FPM

Specifications according to DIN EN 61984:2001

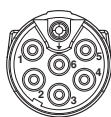
Installation height max.	3000 m
Nominal / operating voltage of power contacts	630 V
Rated surge voltage of power contacts	6 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3

Environmental Product Compliance

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

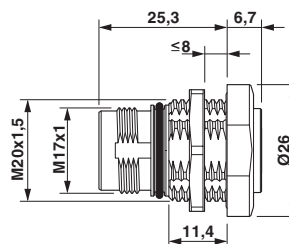
Drawings

Schematic diagram



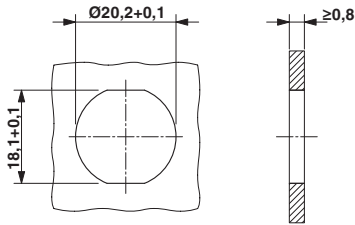
Connector pin assignment

Dimensional drawing

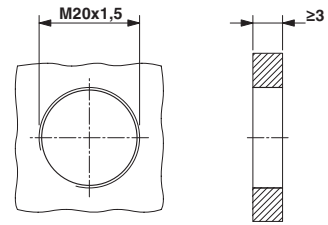


Device connector, rear mounting - ST-6ES1N8AH100S - 1613587

Dimensional drawing

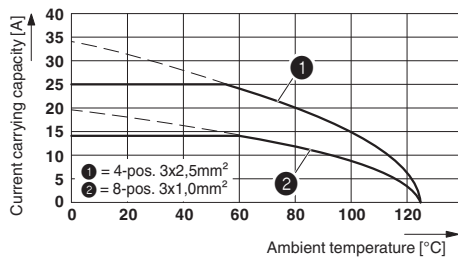


Dimensional drawing

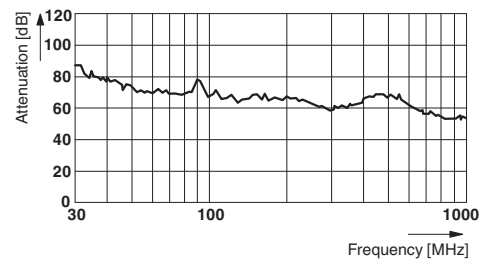


Installation dimensions: mounting with anti-rotation protection and locking Installation dimensions: mounting with thread nut

Diagram



Diagram



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	EC001121
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

Device connector, rear mounting - ST-6ES1N8AH100S - 1613587

Approvals

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Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335019
Nominal voltage UN		600 V	
Nominal current IN		6 A	
mm ² /AWG/kcmil		18	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335019
Nominal voltage UN		600 V	
Nominal current IN		6 A	
mm ² /AWG/kcmil		18	

EAC		B.01742
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cULus Recognized	
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Accessories

Accessories

Crimp contact

Device connector, rear mounting - ST-6ES1N8AH100S - 1613587

Accessories

Crimp contact - ST-10KS010 - 1618239



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.06 mm² ... 0.25 mm²

Crimp contact - ST-10KS020 - 1618251



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.34 mm² ... 0.5 mm²

Crimp contact - ST-10KS030 - 1618254



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm² ... 1 mm²

Mounting material

Color-coding - ST-Z0019 - 1620621



Color-coding, color: green

Color-coding - ST-Z0020 - 1620622



Color-coding, color: orange

Device connector, rear mounting - ST-6ES1N8AH100S - 1613587

Accessories

Color-coding - ST-Z0021 - 1620623



Color-coding, color: black

M20 x 1.5 locking nut - RC-13041 - 1600417



M20 x 1.5 locking nut

Contact removal tool - ST-Z0001 - 1607770



Unlocking tool for contact carriers for snapping in the M17 device connectors

Protective cover

Protective cap - ST-Z0006 - 1607776



Plastic protection cap for connectors with M17 external thread

Metal protective cap - ST-Z0014 - 1616069



Metal protection cap for connectors with M17 external thread

Device connector, rear mounting - ST-6ES1N8AH100S - 1613587

Accessories

Metal protective cap - ST-Z0013 - 1616068



Metal protection cap with steel wire for connectors with M17 external thread

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