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Coupler connector - ST-6EP1N8A9004S - 1613565

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Coupler connector, straight, SPEEDCON locking, M17, number of positions: 6+PE, type of contact: Pin, Crimp connection, shielded: yes, cable diameter range: 8 mm ... 10 mm

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

Why buy this product

☑ Consistent EMC protection for reliable connection solutions in the industrial environment

☑ Crimping connection: vibration- and temperature-resistant assembly

☑ Flexible use: reliably connect various cable diameters

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 401159
GTIN	4046356401159
Weight per Piece (excluding packing)	51.570 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	SPEEDCON locking
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Crimp connection

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Technical data

General

Type of contacts	Pin
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
Conductor entry	8 mm ... 10 mm
Pg housing screw connection	none

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

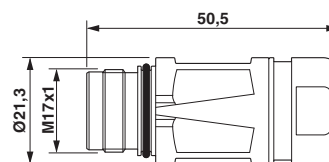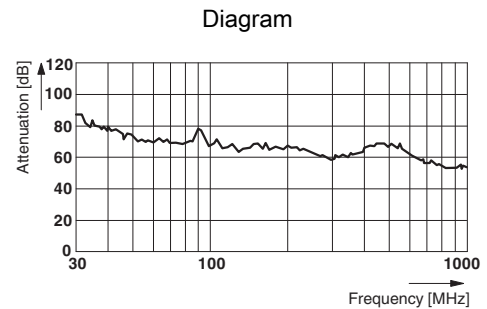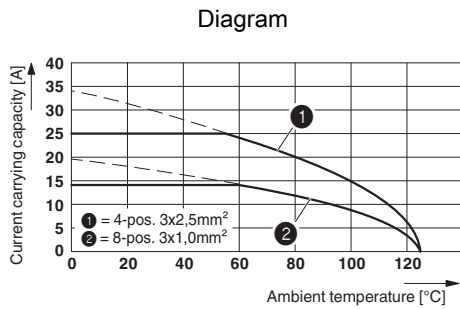| REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Schematic diagram
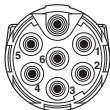
Connector pin assignment

Dimensional drawing

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Diagram

Diagram

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002635
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	39121413

Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized

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Approvals

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	
mm²/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	
mm²/AWG/kcmil		18	

EAC		B.01742

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm

Accessories

Accessories

Crimp contact

Crimp contact - ST-10KP010 - 1618255

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

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Accessories

Crimp contact - ST-10KP020 - 1618256

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

Crimp contact - ST-10KP030 - 1618261

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

Mounting material

Color-coding - ST-Z0016 - 1617993

Color-coding, color: green

Color-coding - ST-Z0017 - 1618049

Color-coding, color: orange

Color-coding - ST-Z0018 - 1618050

Color-coding, color: black

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Accessories

Square mounting flange with O-ring - ST-Z0002 - 1607771

Square mounting flange with O-ring, Axial O-ring, 4x Ø2,7

Square mounting flange with O-ring - ST-Z0003 - 1607772

Square mounting flange with O-ring, Axial O-ring, 4xM3

Square mounting flange - ST-Z0004 - 1607773

Square mounting flange, 4x Ø2,7

Square mounting flange - ST-Z0005 - 1607775

Square mounting flange, 4xM3

Protective cover

Plastic dust protection cap - ST-Z0006 - 1607776

Plastic dust protection cap for connectors with M17 external thread

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Accessories

Metal dust protection cap - ST-Z0014 - 1616069

Metal dust protection cap for connectors, with M17 external thread

Metal dust protection cap - ST-Z0013 - 1616068

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