PHŒNIX CONTACT

Coupler connector - ST-08P1N8A9003S - 1619011

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Coupler connector, straight, for standard and SPEEDCON interlock, M17, number of positions: 8, type of contact: Pin, Crimp connection, shielded: yes, cable diameter range: 5 mm ... 8 mm

The figure shows the 17-pos. product version

Your advantages

☑ 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 pc
GTIN	4 046356 814591
GTIN	4046356814591
Weight per Piece (excluding packing)	52.700 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

General

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	Pin
Number of positions	8
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	8 A
Conductor entry	5 mm ... 8 mm

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Technical data

General

Pg housing screw connection	none

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	60 V
Rated surge voltage of power contacts	1.5 kV
Overvoltage category of power contacts	II
Degree of pollution of power contacts	3

Environmental Product Compliance

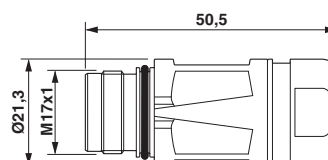| REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Schematic diagram
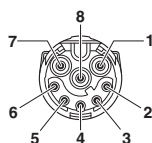
Connector pin assignment

Dimensional drawing

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

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Classifications

ETIM

ETIM 4.0	EC002635
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

Approvals

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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		60 V	
Nominal current IN		5 A	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335019
Nominal voltage UN		60 V	
Nominal current IN		5 A	

EAC			B.00767

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Approvals

cULus Recognized

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

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

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Accessories

Color-coding - ST-Z0017 - 1618049

Color-coding, color: orange

Color-coding - ST-Z0018 - 1618050

Color-coding, color: black

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

Metal protective cap - ST-Z0013 - 1616068

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