

Coupler connector - SL-7EP1N8A9002 - 1607506

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Coupler connector, straight, Screw locking, M58, number of positions: 4+3+PE, type of contact: Pin, Crimp connection, shielded: yes, cable diameter range: 17 mm ... 25 mm

Your advantages

- ✔ Consistent EMC protection for reliable connection solutions in the industrial environment
- ✔ Crimping connection: vibration- and temperature-resistant assembly
- ✔ Reliable transmission of high electrical power

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 271707
GTIN	4046356271707
Weight per Piece (excluding packing)	738.480 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	Order information: Order crimp contacts 4 x Ø 1.6 mm, 4 x Ø 10 mm separately
Type of locking	Screw locking
Coding	N
Contact connection method	Crimp connection
Type of contacts	Pin
Number of positions	8
Contact diameter of power contacts	10 mm
Nominal current per power contact at 25°C	150 A
Contact diameter of signal contacts	1.6 mm
Nominal current per signal contact at 25°C	12 A

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Technical data

General

Conductor entry	17 mm ... 25 mm
Pg housing screw connection	none

Ambient conditions

Ambient temperature	-40 °C ... 120 °C
Degree of protection	IP67

Material

Housing material	Aluminum
Insulator material	PA 6.6
Gasket and O-ring material	FPM

Specifications according to DIN EN 61984:2001

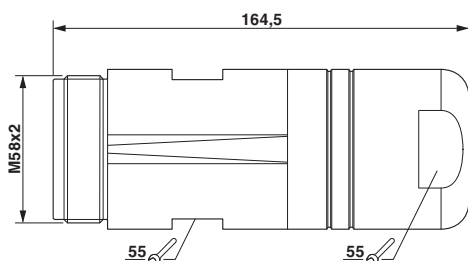
Installation height max.	2000 m
Nominal / operating voltage of power contacts	630 V
Rated surge voltage of power contacts	6 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3
Nominal / operating voltage of signal contacts	250 V
Rated surge voltage of signal contacts	4 kV
Overvoltage category of signal contacts	III
Degree of pollution of signal contacts	3

Environmental Product Compliance

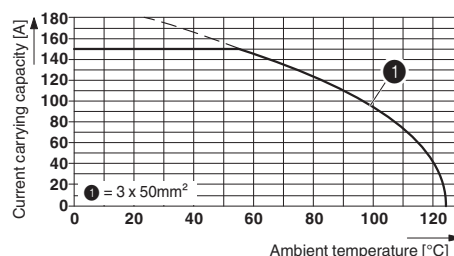
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



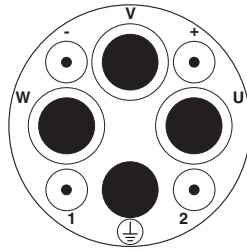
Diagram



Dimensional drawing

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Schematic diagram



Connector pin assignment

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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EAC

Ex Approvals

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Approvals

Approval details

EAC		B.01742
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Accessories

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Crimp contact

Crimp contact - SL-1CKP010 - 1607911



Crimp contact, turned, contact diameter: 10 mm, crimp range: 10 mm² ... 10 mm²

Crimp contact - SL-1CKP020 - 1607912



Crimp contact, turned, contact diameter: 10 mm, crimp range: 16 mm² ... 16 mm²

Crimp contact - SL-1CKP030 - 1607913



Crimp contact, turned, contact diameter: 10 mm, crimp range: 25 mm² ... 25 mm²

Crimp contact - SL-1CKP040 - 1607914



Crimp contact, turned, contact diameter: 10 mm, crimp range: 35 mm² ... 35 mm²

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Accessories

Crimp contact - SL-1CKP050 - 1607915



Crimp contact, turned, contact diameter: 10 mm, crimp range: 50 mm² ... 50 mm²

Crimp contact - SL-16KP010 - 1607909



Crimp contact, turned, contact diameter: 1.6 mm, crimp range: 0.75 mm² ... 1.5 mm²

Protective cap - SL-Z0005 - 1607926



Plastic protection cap for connectors with M58 external thread
