

## Cable connector - SL-5ES1N8A8002 - 1607503

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Cable connector, straight, Screw locking, M58, number of positions: 2+3+PE, type of contact: Socket, Crimp connection, shielded: yes, cable diameter range: 17 mm ... 25 mm

The figure shows the 8-pos. (4+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
- ✓ Reliable transmission of high electrical power

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 271677
GTIN	4046356271677
Weight per Piece (excluding packing)	852.580 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	Order information: Order crimp contacts 2 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	Socket

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### Technical data

#### General

Number of positions	6
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
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

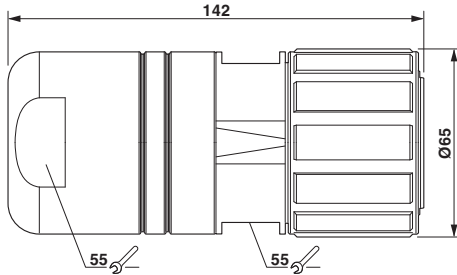
#### Environmental Product Compliance

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"

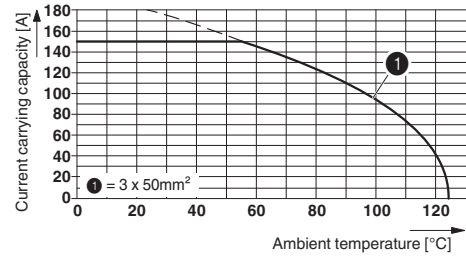
### Drawings

# Cable connector - SL-5ES1N8A8002 - 1607503

Dimensional drawing

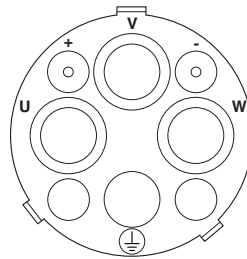


Diagram



Dimensional drawing

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

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## Classifications

### 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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#### Approvals

EAC

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#### Ex Approvals

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### Approval details

EAC		B.01742
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## Accessories

### Accessories

#### Crimp contact

Crimp contact - SL-1CKS010 - 1607916



Crimp contact, turned, contact diameter: 10 mm, crimp range: 10 mm<sup>2</sup> ... 10 mm<sup>2</sup>

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## Cable connector - SL-5ES1N8A8002 - 1607503

### Accessories

Crimp contact - SL-1CKS020 - 1607917



Crimp contact, turned, contact diameter: 10 mm, crimp range: 16 mm<sup>2</sup> ... 16 mm<sup>2</sup>

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Crimp contact - SL-1CKS030 - 1607918



Crimp contact, turned, contact diameter: 10 mm, crimp range: 25 mm<sup>2</sup> ... 25 mm<sup>2</sup>

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Crimp contact - SL-1CKS040 - 1607919



Crimp contact, turned, contact diameter: 10 mm, crimp range: 35 mm<sup>2</sup> ... 35 mm<sup>2</sup>

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Crimp contact - SL-1CKS050 - 1607920



Crimp contact, turned, contact diameter: 10 mm, crimp range: 50 mm<sup>2</sup> ... 50 mm<sup>2</sup>

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Crimp contact - SL-16KS010 - 1607956



Crimp contact, turned, contact diameter: 1.6 mm, crimp range: 0.75 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

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