

## Cable connector - SL-5ES1N8A8001 - 1607501

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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 cross section: 25 mm...36 mm

The figure shows the 8-pos. (4+3+PE) product version



### Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	834.3 GRM
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
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	25 mm ... 36 mm

#### Ambient conditions

Ambient temperature	-20 °C ... 120 °C
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## Technical data

### Ambient conditions

Degree of protection	IP67
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### Material

Housing material	Aluminum
Insulator material	PA 66
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
Surge voltage category of power contacts	III
Pollution degree of power contacts	3
Nominal / operating voltage of signal contacts	250 V
Rated surge voltage of signal contacts	4 kV
Surge voltage category of signal contacts	III
Pollution degree of signal contacts	3

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27440312

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002641

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404

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## Classifications

### UNSPSC

UNSPSC 13.2	43201404
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## Approvals

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#### Approvals


VDE Gutachten mit Fertigungsüberwachung / IEC60364 CB Scheme

#### Ex Approvals

#### Approvals submitted

## Approval details

VDE Gutachten mit Fertigungsüberwachung 	
mm <sup>2</sup> /AWG/kcmil	0.75-1.5
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	250 V

IECEE CB Scheme 	
mm <sup>2</sup> /AWG/kcmil	0.75-1.5
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	250 V

## Accessories

### Accessories

Crimp contact

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### Accessories

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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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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## Accessories

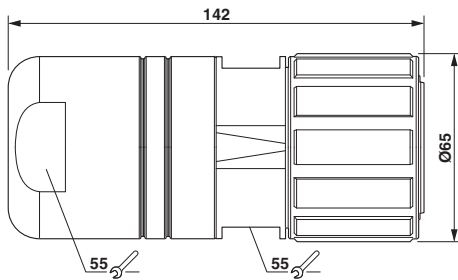
Crimp contact - SL-16KS010 - 1607956



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

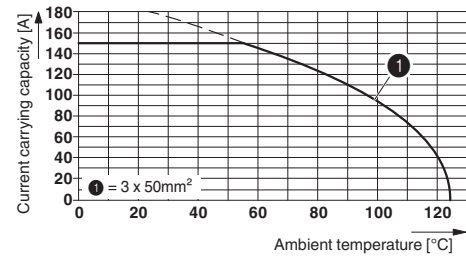
## Drawings

Dimensioned drawing

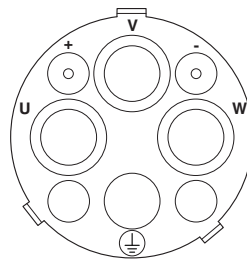


Dimensional drawing

Diagram



Schematic diagram



Connector pin assignment