

## Cable connector - SH-8ESC58A8LB2 - 1622000

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Cable connector, straight long, shielded: yes, Screw locking, M23, Number of positions: 4+4+4+PE, Type of contact: Socket, Crimp connection, Cable diameter: 12 mm ... 15 mm

### Why buy this product

- ✓ Transmission of signals, data, and power in just a single connector
- ✓ CAT5 data interface
- ✓ Reduced connection time with optional SPEEDCON fast locking system
- ✓ Safe use in the field, thanks to high degree of protection
- ✓ Consistent EMC protection for reliable connection solutions in the industrial environment



### Key Commercial Data

Packing unit	1 STK
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Temperature range

Ambient temperature (operation)	-40 °C ... 130 °C
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#### Data of the insulating body

Note	Order information: Crimp contacts, 4x Ø 0.8 mm, 4x Ø 1 mm, 5x Ø 2 mm, order separately
Coding	N
Insulator material	Polyamide (PA 6.6)
Insertion/withdrawal cycles mechanical	100
Contact connection method	Crimp connection

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### Technical data

#### Data of the insulating body

Type of contacts	Socket
Number of positions	13
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.25 mm <sup>2</sup>
Litz wire cross section of power contacts max.	4 mm <sup>2</sup>
Nominal current per power contact at 25°C	30 A
Nominal voltage, power contact	630 V AC 850 V DC
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.06 mm <sup>2</sup>
Litz wire cross section of signal contacts max.	1 mm <sup>2</sup>
Nominal current per signal contact at 25°C	8 A
Nominal voltage, signal contact	50 V
Contact diameter, data contacts	0.8 mm
Litz wire cross section, data contacts, min.	0.08 mm <sup>2</sup>
Litz wire cross section, data contacts, max.	0.5 mm <sup>2</sup>
Nominal current per data contact at 25°C	3.6 A
Nominal voltage of data contact	50 V
Overvoltage category	III
Degree of pollution	3

#### Housing data

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking
Degree of protection (when plugged in)	IP67 IP68
Thread type	M23

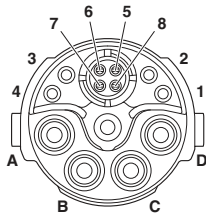
#### Cable seal data

Min. cable diameter	12 mm
Max. cable diameter	15 mm

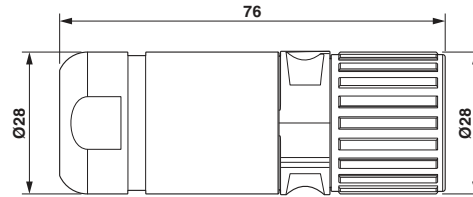
### Drawings

# Cable connector - SH-8ESC58A8LB2 - 1622000

Schematic diagram



Dimensional drawing



Socket pin assignment, CAT5

## Classifications

eCl@ss

eCl@ss 5.1	27260701
eCl@ss 6.0	27260702
eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

ETIM 5.0	EC002635
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## Approvals

Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

## Approval details

cULus Recognized <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E468743-20150928	
Nominal current I <sub>N</sub>	16 A
Nominal voltage U <sub>N</sub>	600 V

EAC B.01742
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## Cable connector - SH-8ESC58A8LB2 - 1622000

### Accessories

#### Accessories

#### Cable by the meter

Hybrid cable - KC-88014311/1,00 - 1623127



Hybrid cable, Length: 1 m, Color of outer sheath: orange RAL 2003

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Hybrid cable - KC-88014311/100,00 - 1623039



Hybrid cable, Length: 100 m, Color of outer sheath: orange RAL 2003

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Hybrid cable - KC-88014311/20,00 - 1622080



Hybrid cable, Length: 20 m, Color of outer sheath: orange RAL 2003

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### Crimp contact

Crimp contact - SF-08KS010 - 1621571



Crimp contact, turned, Contact diameter: 0.8 mm, Crimp range: 0.08 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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## Cable connector - SH-8ESC58A8LB2 - 1622000

### Accessories

Crimp contact - SF-08KS020 - 1621573



Crimp contact, turned, Contact diameter: 0.8 mm, Crimp range: 0.34 mm<sup>2</sup>...0.5 mm<sup>2</sup>

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Crimp contact - ST-10KS010 - 1618239



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.06 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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Crimp contact - ST-10KS020 - 1618251



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.34 mm<sup>2</sup>...0.5 mm<sup>2</sup>

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Crimp contact - ST-10KS030 - 1618254



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.5 mm<sup>2</sup>...1 mm<sup>2</sup>

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Crimp contact - SF-20KS021 - 1621576



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 0.25 mm<sup>2</sup>...1 mm<sup>2</sup>

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## Cable connector - SH-8ESC58A8LB2 - 1622000

### Accessories

Crimp contact - SF-20KS022 - 1621577



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 1.5 mm<sup>2</sup>...2.5 mm<sup>2</sup>

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Crimp contact - SF-20KS023 - 1621578



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 2.5 mm<sup>2</sup>...4 mm<sup>2</sup>

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### Mounting material

Square mounting flange - SF-Z0068 - 1620927



Square mounting flange, 4xM3, Flange dimensions: 38 mm x 38 mm

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Color-coding - SF-Z0064 - 1620585



Color-coding, Color: green

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Color-coding - SF-Z0065 - 1620586



Color-coding, Color: orange

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## Cable connector - SH-8ESC58A8LB2 - 1622000

### Accessories

Color-coding - SF-Z0066 - 1620587



Color-coding, Color: black

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