

Cable connector - SH-8ESC58A8LB2 - 1622000

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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
---------------------------------	-------------------

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

Cable connector - SH-8ESC58A8LB2 - 1622000

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 ²
Litz wire cross section of power contacts max.	4 mm ²
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 ²
Litz wire cross section of signal contacts max.	1 mm ²
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 ²
Litz wire cross section, data contacts, max.	0.5 mm ²
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

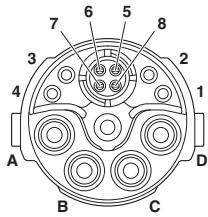
Cable seal data

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

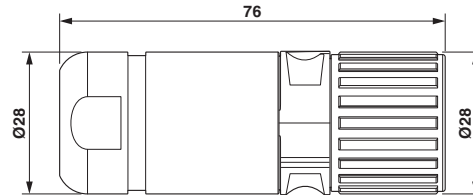
Drawings

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
----------	----------

Approvals

Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

Approval details

cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E468743-20150928	
Nominal current I _N	16 A
Nominal voltage U _N	600 V

EAC B.01742

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

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



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

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



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

Crimp contact

Crimp contact - SF-08KS010 - 1621571



Crimp contact, turned, Contact diameter: 0.8 mm, Crimp range: 0.08 mm²...0.25 mm²

Cable connector - SH-8ESC58A8LB2 - 1622000

Accessories

Crimp contact - SF-08KS020 - 1621573



Crimp contact, turned, Contact diameter: 0.8 mm, Crimp range: 0.34 mm²...0.5 mm²

Crimp contact - ST-10KS010 - 1618239



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - ST-10KS020 - 1618251



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.34 mm²...0.5 mm²

Crimp contact - ST-10KS030 - 1618254



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.5 mm²...1 mm²

Crimp contact - SF-20KS021 - 1621576



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 0.25 mm²...1 mm²

Cable connector - SH-8ESC58A8LB2 - 1622000

Accessories

Crimp contact - SF-20KS022 - 1621577



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 1.5 mm²...2.5 mm²

Crimp contact - SF-20KS023 - 1621578



Crimp contact, turned, Contact diameter: 2 mm, Crimp range: 2.5 mm²...4 mm²

Mounting material

Square mounting flange - SF-Z0068 - 1620927



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

Color-coding - SF-Z0064 - 1620585



Color-coding, Color: green

Color-coding - SF-Z0065 - 1620586



Color-coding, Color: orange

Cable connector - SH-8ESC58A8LB2 - 1622000

Accessories

Color-coding - SF-Z0066 - 1620587



Color-coding, Color: black

Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>