Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

PHŒNIX CONTACT

Cable connector - SH-8ESS48A8LB3 - 1622004

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: 8+4+PE, Type of contact: Socket, Crimp connection, Cable diameter: 9 mm ... 12 mm

The figure shows the product version with CAT5 interface

Why buy this product

☑ All housing can be fitted with pin or socket contacts

☑ A total of eight contacts are available for signal transmission

☑ 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, 8 x Ø 1 mm, 5 x Ø 2 mm, order separately
Coding	N
Insulator material	Polyamide (PA 6.6)
Insertion/withdrawal cycles mechanical	100

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Technical data

Data of the insulating body

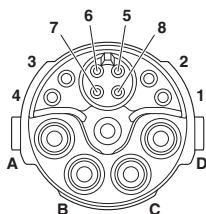| Contact connection method	Crimp connection
Type of contacts	Socket
Number of positions	13
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.25 mm²
Litz wire cross section of power contacts max.	4 mm²
Nominal current per power contact at 25°C	30 A
Nominal voltage, power contact	630 V AC
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.06 mm²
Litz wire cross section of signal contacts max.	1 mm²
Nominal current per signal contact at 25°C	8 A
Nominal voltage, signal contact	50 V
Overvoltage category	III
Degree of pollution	3

Housing data

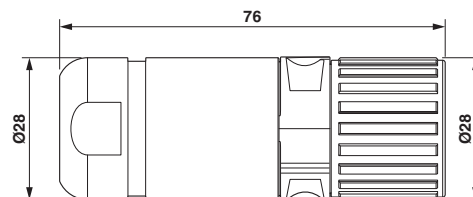| Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking
Degree of protection (when plugged in)	IP67
	IP68
Thread type	M23

Cable seal data

Min. cable diameter	9 mm
Max. cable diameter	12 mm

Drawings

Schematic diagram

Dimensional drawing

Socket pin assignment, signal

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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

EAC

Ex Approvals

Approval details

EAC   B.01742

Accessories

Accessories

Crimp contact

Crimp contact - ST-10KS010 - 1618239

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

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Accessories

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

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

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Cable connector - SH-8ESS48A8LB3 - 1622004

Accessories

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

Color-coding - SF-Z0066 - 1620587

Color-coding, Color: black