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-8EPC58A8LB1S - 1621533

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, SPEEDCON locking, M23, Number of positions: 4+4+4+PE / 3+N+PE, Type of contact: Pin, Crimp connection, Cable diameter: 15 mm ... 18 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

RoHS   **SPEEDCON LOCKING**

Key Commercial Data

Packing unit	1 STK
GTIN	(barcode) 4 046356 936569
GTIN	4046356936569

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
Type of contacts	Pin
Number of positions	13
Contact diameter of power contacts	2 mm

PHŒNIX
CONTACT

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Technical data

Data of the insulating body

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
	850 V DC
Rated surge voltage	6 kV
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
Rated surge voltage	1.5 kV
Contact diameter, data contacts	0.8 mm
Litz wire cross section, data contacts, min.	0.08 mm²
Litz wire cross section, data contacts, max.	0.5 mm²
Nominal current per data contact at 25°C	3.6 A
Nominal voltage of data contact	50 V
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing data

Note	Notes on operation Full occupation with 5 x 4 mm² for cable and coupler connectors not possible.
Housing material	Metal
Type of locking	SPEEDCON locking
Degree of protection (when plugged in)	IP67
	IP68
Thread type	M23

Cable seal data

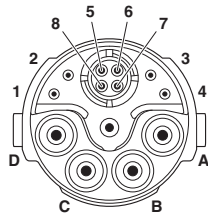| Min. cable diameter	15 mm
Max. cable diameter	18 mm

Environmental Product Compliance

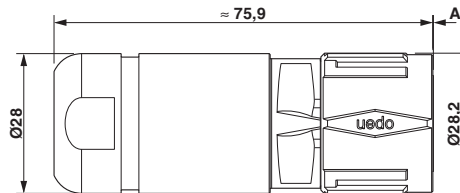| China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Cable connector - SH-8EPC58A8LB1S - 1621533

Schematic diagram	Dimensional drawing

Pin assignment of pin, CAT5

Pin version: dimension A = 0.2 mm, socket version: dimension A = 0 mm

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EHC	B.01742

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