



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Coupler connector - SB-8EPCA8A9L33S - 1623357

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>)



Coupling connector, straight long, shielded: yes, SPEEDCON, M40, No. of pos.: 4+4+4+PE / 3+N+PE, type of contact: Pin, Crimp connection, cable diameter range: 14 mm ... 20.5 mm

Why buy this product

- ✓ Transmission of signals, data, and power in just a single connector
- ✓ CAT5 data interface for up to 100 Mbps
- ✓ Mechanical coding reliably prevents incorrect connections
- ✓ 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
GTIN	 4 055626 194684
GTIN	4055626194684

Technical data

Temperature range

Ambient temperature (operation)	-40 °C ... 130 °C
---------------------------------	-------------------

Data of the insulating body

Data rate	100 Mbps
Coding	CAT5, coding 1
Contact connection method	Crimp connection
Type of contacts	Pin
Application	Hybrid
Number of positions	13
Contact diameter of power contacts	3.6 mm
Litz wire cross section of power contacts min.	1 mm ²
Litz wire cross section of power contacts max.	16 mm ²

Coupler connector - SB-8EPCA8A9L33S - 1623357

Technical data

Data of the insulating body

Nominal current per power contact at 25°C	70 A
Nominal voltage, power contact	630 V AC
Rated surge voltage	6 kV
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.	1.5 mm ²
Nominal current per signal contact at 25°C	8 A
Nominal voltage, signal contact	500 V
Rated surge voltage	1.5 kV
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
Rated surge voltage	1.5 kV
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	SPEEDCON
Degree of protection (when plugged in)	IP68/IP69K
Thread type	M40

Cable seal data

Cable diameter	14 mm ... 20.5 mm
Sealing material	FKM

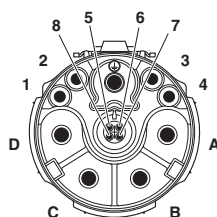
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

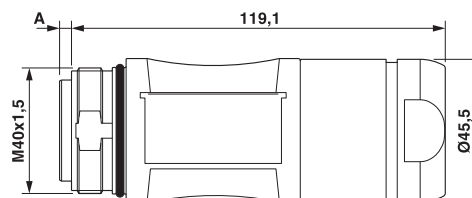
Coupler connector - SB-8EPCA8A9L33S - 1623357

Schematic diagram



Pin assignment of pin CAT5, coding 1

Dimensional drawing



Pin version: dimension A = 3.8 mm, socket version: dimension A = 0.15 mm

Approvals

Approvals

Approvals

cULus Recognized

Ex Approvals

Approval details

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm 20170915-E468743	
Nominal voltage UN	600 V
Nominal current IN	42 A
mm ² /AWG/kcmil	6

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>