

# Coupler connector - SH-8EPC58A9LB3S - 1621551

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, Screw locking, M23, Number of positions: 4+4+4+PE, Type of contact: Male connector, Crimp connection, Cable diameter: 9 mm ... 12 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

## Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 936996

## 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	Male connector
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>

# Coupler connector - SH-8EPC58A9LB3S - 1621551

## Technical data

### Data of the insulating body

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	9 mm
Max. cable diameter	12 mm

## Classifications

### eCl@ss

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

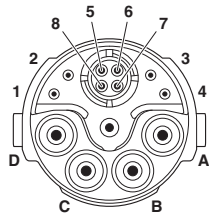
### ETIM

ETIM 4.0	EC002635
ETIM 5.0	EC002635

## Drawings

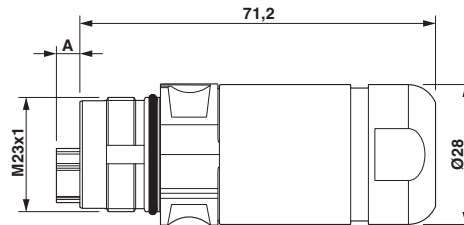
## Coupler connector - SH-8EPC58A9LB3S - 1621551

Schematic diagram



Pin assignment of pin, CAT5

Dimensional drawing



Pin version: dimension A = 4.7 mm, socket version: dimension A = 0 mm

Phoenix Contact 2016 © - 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>