

## Coupler connector - SH-8ESS48A9LB3S - 1621546

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Coupling 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
- 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 046356 936941
Weight per Piece (excluding packing)	111.11 g
Weight per piece (including packing)	111.11 g
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Temperature range

Ambient temperature (operation)	-40 °C ... 130 °C
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#### 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
Contact connection method	Crimp connection
Type of contacts	Socket
Number of positions	13
Contact diameter of power contacts	2 mm

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## Technical data

### Data of the insulating body

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
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.06 mm <sup>2</sup>
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
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
eCl@ss 9.0	27440103

### ETIM

ETIM 4.0	EC002635
ETIM 5.0	EC002635

## Approvals

### Approvals

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#### Approvals

EAC

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## Approvals

Ex Approvals

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Approvals submitted

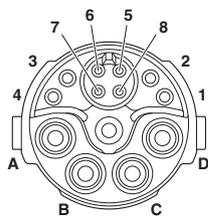
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## Approval details

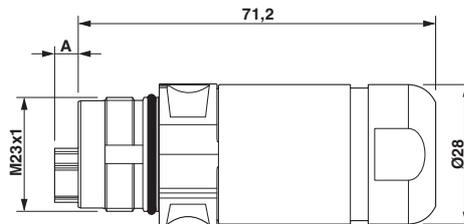
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## Drawings

Schematic diagram



Dimensional drawing



Socket pin assignment, signal

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

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