

Coupler connector - SH-8ESS48A9LDLS - 1621544

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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: 7.5 mm ... 18 mm

The figure shows the product version with CAT5 interface

Product Features

- 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



Key Commercial Data

Packing unit	1 pc
Custom tariff number	85366990
Country of origin	Germany

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 ²
Litz wire cross section of power contacts max.	4 mm ²
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 ²
Litz wire cross section of signal contacts max.	1 mm ²
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	7.5 mm
Max. cable diameter	18 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

Approvals

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Approvals

Approvals

EAC

Ex Approvals

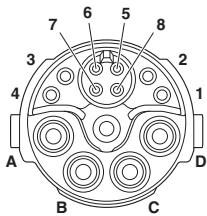
Approvals submitted

Approval details

EAC

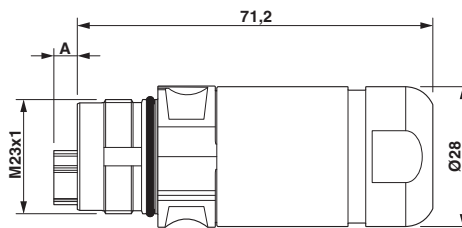
Drawings

Schematic diagram



Socket pin assignment, signal

Dimensional drawing



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