

# 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



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 936927
Weight per Piece (excluding packing)	114.5 g
Custom tariff number	85366990
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
Insulator material	Polyamide (PA 6.6)
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Crimp connection
Type of contacts	Socket
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

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## Technical data

### Data of the insulating body

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
Pollution degree	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

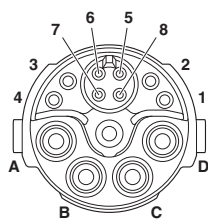
eCl@ss 5.1	27260701
eCl@ss 6.0	27260702
eCl@ss 8.0	27440102

### ETIM

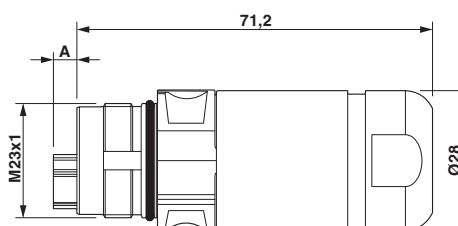
ETIM 4.0	EC002635
ETIM 5.0	EC002635

## Drawings

Schematic diagram



Dimensional drawing



Socket pin assignment, signal

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

