

## Coupler connector - SB-8ESCA8A9L34S - 1623342

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Coupling connector, straight long, shielded: yes, SPEEDCON, M40, Number of positions: 4+4+4+PE / 3+N+PE, Type of contact: Socket, Crimp connection, Cable diameter: 20.5 mm ... 26.5 mm

### Why buy this product

- Transmission of signals, data, and power in just a single connector
- CAT5 data interface
- Mechanical coding for AC and DC 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

RoHS

### Key Commercial Data

Packing unit	1
GTIN	 4 055626 195001
GTIN	4055626195001
Custom tariff number	85366990

### Technical data

#### Temperature range

Ambient temperature (operation)	-40 °C ... 130 °C
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#### Data of the insulating body

Coding	CAT5, AC coding
Contact connection method	Crimp connection
Type of contacts	Socket
Number of positions	13

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## Technical data

### Data of the insulating body

Contact diameter of power contacts	3.6 mm
Litz wire cross section of power contacts min.	1 mm <sup>2</sup>
Litz wire cross section of power contacts max.	16 mm <sup>2</sup>
Nominal current per power contact at 25°C	70 A
Nominal voltage, power contact	630 V AC
	850 V DC
Rated surge voltage	6 kV
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.	1.5 mm <sup>2</sup>
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 <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
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

Min. cable diameter	20.5 mm
Max. cable diameter	26.5 mm
Sealing material	FKM

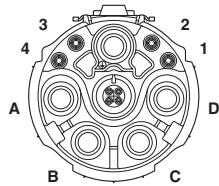
### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

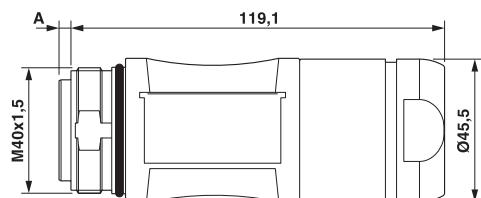
### Drawings

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Schematic diagram



Dimensional drawing



Pin assignment of socket CAT5, AC coding

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