

Coupler connector - SB-8ESCD8A9L33S - 1623702

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Coupling connector, straight long, shielded: yes, for standard and SPEEDCON interlock, M40, No. of pos.: 4+4+4+PE / 3+N+PE, type of contact: Socket, Crimp connection, cable diameter range: 14 mm ... 20.5 mm

Your advantages

- Transmission of signals, data, and power in just a single connector
- CAT5 data interface for up to 100 Mbps
- Mechanical coding 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

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 195025
GTIN	4055626195025

Technical data

Temperature range

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

Protection against electric shock	IEC 61984
Data rate	100 Mbps
Coding	CAT5, coding 2
Contact connection method	Crimp connection
Type of contacts	Socket
Application	Hybrid
Number of positions	13
Contact diameter of power contacts	3.6 mm
Litz wire cross section of power contacts min.	1 mm ²

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Technical data

Data of the insulating body

Litz wire cross section of power contacts max.	16 mm ²
Nominal current per power contact at 25°C	70 A
Rated surge voltage	6 kV
Rated voltage (II/3) power contact	850 V DC
Rated voltage (III/3) power contact	630 V \hat{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.	1.5 mm ²
Nominal current per signal contact at 25°C	8 A
Rated surge voltage	6 kV
Overvoltage category	III
Degree of pollution	3
Rated voltage (III/3) signal contact	500 V
Contact diameter, data contacts	0.8 mm
Litz wire cross section, data contacts, min.	0.08 mm ²
Litz wire cross section, data contacts, max.	0.5 mm ²
Nominal current per data contact at 25°C	3.6 A
Rated surge voltage	1.5 kV
Rated voltage (III/3) data contact	50 V

Housing data

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	for standard and SPEEDCON interlock
Degree of protection (when plugged in)	IP68/IP69K
Thread type	M40

Cable seal data

Cable diameter	14 mm ... 20.5 mm
Sealing material	FKM

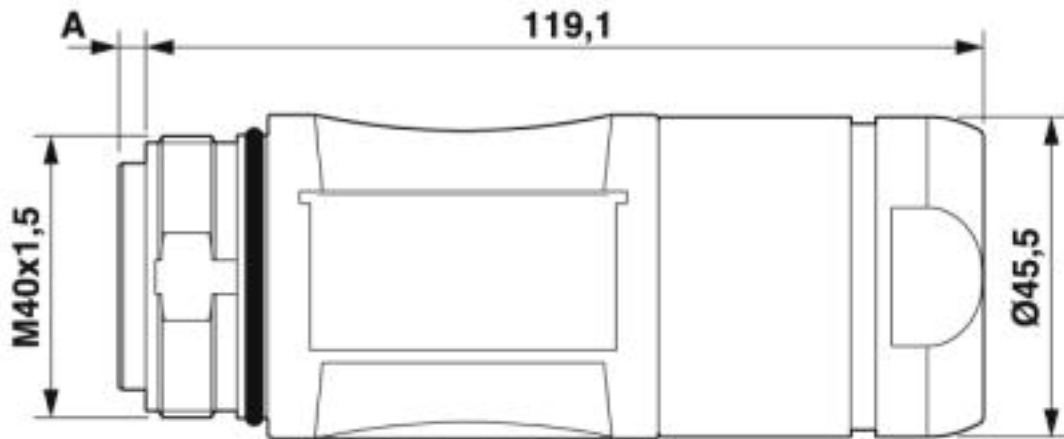
Environmental Product Compliance

	Lead 7439-92-1
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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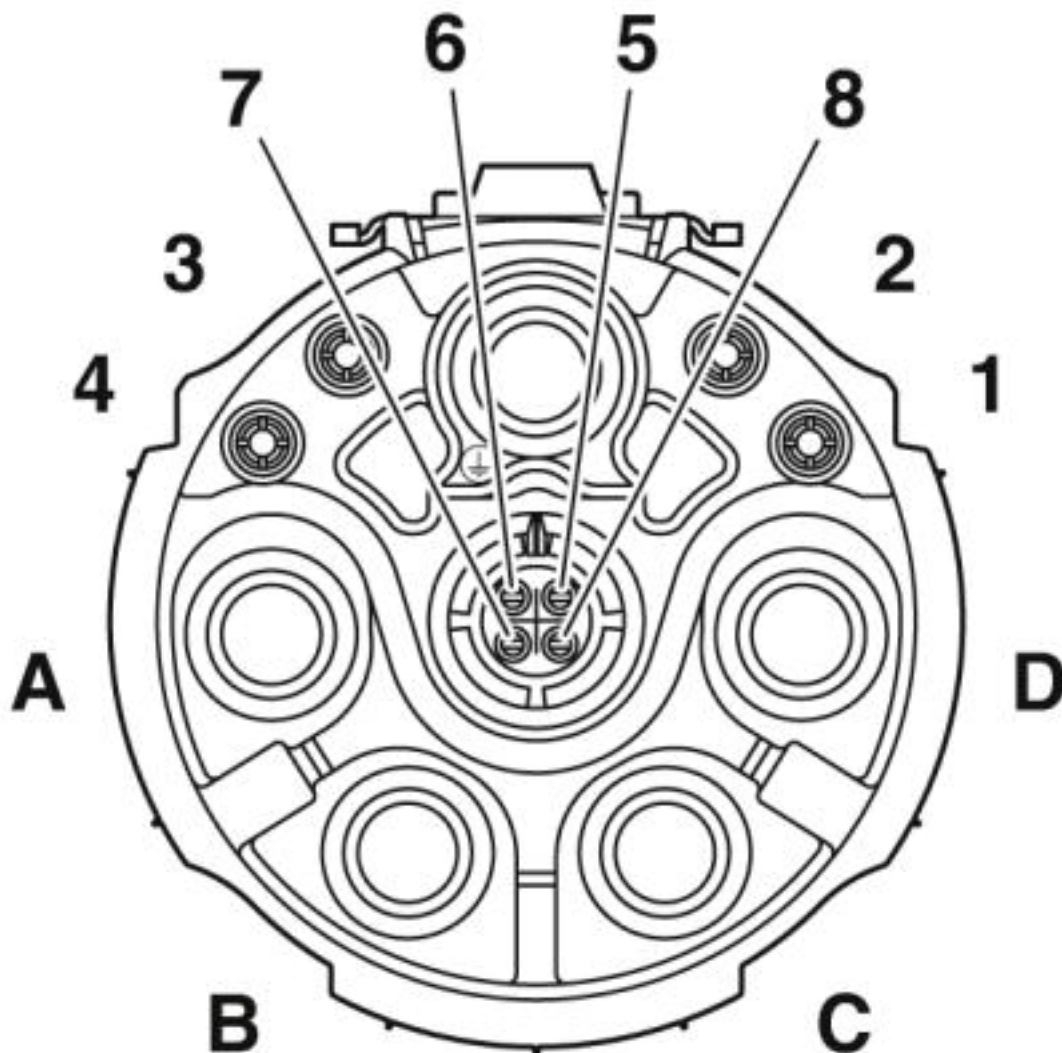
Dimensional drawing



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

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Schematic diagram



Pin assignment of socket CAT5, coding 2

Approvals

Approvals

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UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm 20170915-E468743
Nominal voltage UN		600 V
Nominal current IN		50 A
mm ² /AWG/kcmil		6

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm 20170915-E468743
Nominal voltage UN		600 V
Nominal current IN		42 A
mm ² /AWG/kcmil		6

cULus Recognized		
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