

Coupler connector - SB-8ESSA8A9L33S - 1623345

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Coupling connector, straight long, shielded: yes, SPEEDCON, M40, Number of positions: 8+4+PE / 3+N+PE, Type of contact: Socket, Crimp connection, Cable diameter: 14 mm ... 20.5 mm

Why buy this product

- ✓ All housing can be fitted with pin or socket contacts
- ✓ A total of eight contacts are available for signal transmission
- ✓ 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 195056 |
| GTIN | 4055626195056 |
| Custom tariff number | 85366990 |

Technical data

Temperature range

| | |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 130 °C |
|---------------------------------|-------------------|

Data of the insulating body

| | |
|------------------------------------|------------------|
| Contact connection method | Crimp connection |
| Type of contacts | Socket |
| Number of positions | 13 |
| Contact diameter of power contacts | 3.6 mm |

Coupler connector - SB-8ESSA8A9L33S - 1623345

Technical data

Data of the insulating body

| | |
|---|----------------------|
| Litz wire cross section of power contacts min. | 1 mm ² |
| Litz wire cross section of power contacts max. | 16 mm ² |
| 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 ² |
| Litz wire cross section of signal contacts max. | 1.5 mm ² |
| 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 | 1 mm |
| Litz wire cross section, data contacts, min. | 0.06 mm ² |
| Litz wire cross section, data contacts, max. | 1.5 mm ² |
| Nominal current per data contact at 25°C | 8 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 | 14 mm |
| Max. cable diameter | 20.5 mm |
| Sealing material | FKM |

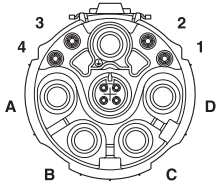
Environmental Product Compliance

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

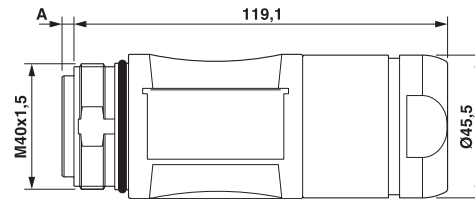
Drawings

Coupler connector - SB-8ESSA8A9L33S - 1623345

Schematic diagram



Dimensional drawing



Pin assignment of socket signal, AC coding

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

Phoenix Contact 2017 © - all rights reserved
<http://www.phoenixcontact.com>