

Cable connector - SB-8ESSA8A8L33S - 1623330

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Cable connector, straight long, shielded: yes, SPEEDCON locking, M40, No. of pos.: 8+4+PE, type of contact: Socket, Crimp connection, cable diameter range: 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
- Reduced connection time with SPEEDCON fast locking system
- 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 STK |
| GTIN | |
| GTIN | 4055626194059 |

Technical data

Temperature range

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

Data of the insulating body

| | |
|--|--------------------|
| Coding | Signal, coding 1 |
| 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 |
| Litz wire cross section of power contacts max. | 16 mm ² |

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Technical data

Data of the insulating body

| | |
|---|----------------------|
| 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 locking |
| Degree of protection (when plugged in) | IP68/IP69K |
| Thread type | M40 |

Cable seal data

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

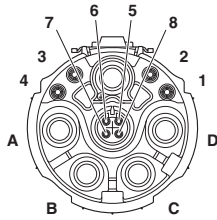
Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

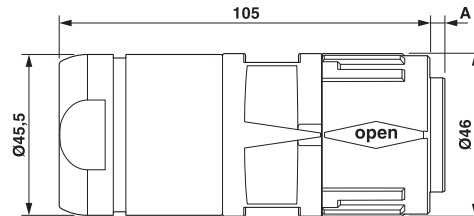
Drawings

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Schematic diagram



Dimensional drawing



Pin assignment of socket signal, coding 1

Pin version: dimension A = 4.05 mm, socket version: dimension A = 0.4 mm

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