

Cable connector - SH-8ESS48A8LB4S - 1621525

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Cable connector, straight long, shielded: yes, SPEEDCON locking, M23, No. of pos.: 8+4+PE, type of contact: Socket, Crimp connection, cable diameter range: 7.5 mm ... 9 mm


The figure shows the product version with CAT5 interface

Your advantages

- ✓ All housing can be fitted with pin or socket contacts
- ✓ A total of eight contacts are available for signal transmission
- ✓ Reduced connection time with optional SPEEDCON fast locking system
- ✓ 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 046356 936484 |
| GTIN | 4046356936484 |

Technical data

Temperature range

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

Data of the insulating body

| | |
|--|---|
| Note | Order information: Crimp contacts, 8 x Ø 1 mm, 5 x Ø 2 mm, order separately |
| Protection against electric shock | IEC 61984 and VDE 0623 |
| Coding | N |
| Insulator material | PA 6.6 |
| Insertion/withdrawal cycles mechanical | 100 |
| Contact connection method | Crimp connection |
| Type of contacts | Socket |

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Technical data

Data of the insulating body

| | |
|---|----------------------|
| Application | Hybrid |
| Number of positions | 13 |
| Contact diameter of power contacts | 2 mm |
| Litz wire cross section of power contacts min. | 0.25 mm ² |
| Litz wire cross section of power contacts max. | 4 mm ² |
| Nominal current per power contact at 25°C | 30 A |
| Rated surge voltage | 6 kV |
| Rated voltage (II/3) power contact | 850 V DC |
| Rated voltage (III/3) power contact | 630 V \hat{a} 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 mm ² |
| Nominal current per signal contact at 25°C | 8 A |
| Rated surge voltage | 1.5 kV |
| Rated voltage (III/3) signal contact | 50 V |

Housing data

| | |
|--|--|
| Note | The suitability for assembly must be checked when fully assigned with maximum wire cross sections. |
| Housing material | Metal |
| Type of locking | SPEEDCON locking |
| Degree of protection (when plugged in) | IP67 |
| | IP68 |
| | IP69K |
| Thread type | M23 |

Cable seal data

| | |
|------------------|-----------------|
| Cable diameter | 7.5 mm ... 9 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" |

Approvals

Approvals

Approvals

EAC / UL Recognized / cUL Recognized / cULus Recognized

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Approvals

Ex Approvals

Approval details

| | | |
|-----|--|---------|
| EAC | | B.01742 |
|-----|--|---------|

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|----------------------------|-------|--|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E153698-20181206 |
| Nominal voltage UN | 600 V | |
| Nominal current IN | 24 A | |
| mm ² /AWG/kcmil | 12 | |

| | | |
|----------------------------|-------|--|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E153698-20181206 |
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| cULus Recognized | |
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