

Coupler connector - CA-1RP1N8A9007 - 1624012

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Coupling connector, straight, shielded: yes, for standard and SPEEDCON interlock, M23, No. of pos.: 16+2+PE, type of contact: Pin, Crimp connection, cable diameter range: 6 mm ... 10 mm

Similar to figure, please order crimp contacts separately

Your advantages

- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- Crimping connection: vibration- and temperature-resistant assembly



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 pc |
| GTIN | |
| GTIN | 4055626227856 |

Technical data

Data of the insulating body

| | |
|--|---|
| Note | Order information: Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE, first) separately |
| Coding | N |
| Insulator material | PA 6.6 |
| Contact connection method | Crimp connection |
| Type of contacts | Pin |
| Application | Signal |
| Number of positions | 19 |
| Contact diameter of power contacts | 1.5 mm |
| Litz wire cross section of power contacts min. | 0.75 mm ² |
| Litz wire cross section of power contacts max. | 1 mm ² |

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Technical data

Data of the insulating body

| | |
|---|----------------------|
| Nominal current per power contact at 25°C | 10 A |
| Nominal voltage, power contact | 150 V |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Contact diameter of signal contacts | 1 mm |
| Litz wire cross section of signal contacts min. | 0.08 mm ² |
| Litz wire cross section of signal contacts max. | 1 mm ² |
| Nominal current per signal contact at 25°C | 8 A |
| Nominal voltage, signal contact | 150 V |
| Rated surge voltage | 1.5 kV |
| Overvoltage category | II |
| Degree of pollution | 3 |

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) | IP67 |
| Thread type | M23 |

Cable seal data

| | |
|------------------|----------------|
| Cable diameter | 6 mm ... 10 mm |
| Sealing material | NBR |

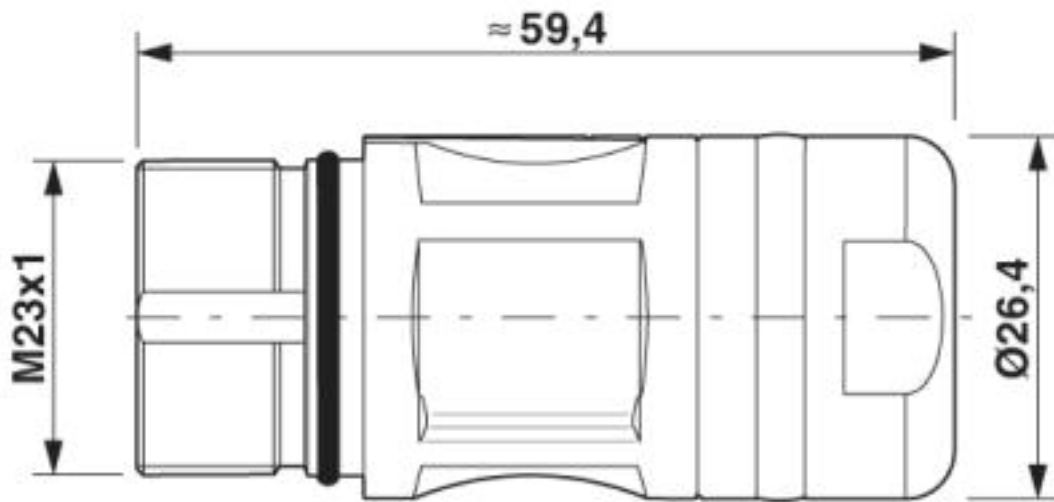
Environmental Product Compliance

| | |
|------------|---|
| | 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

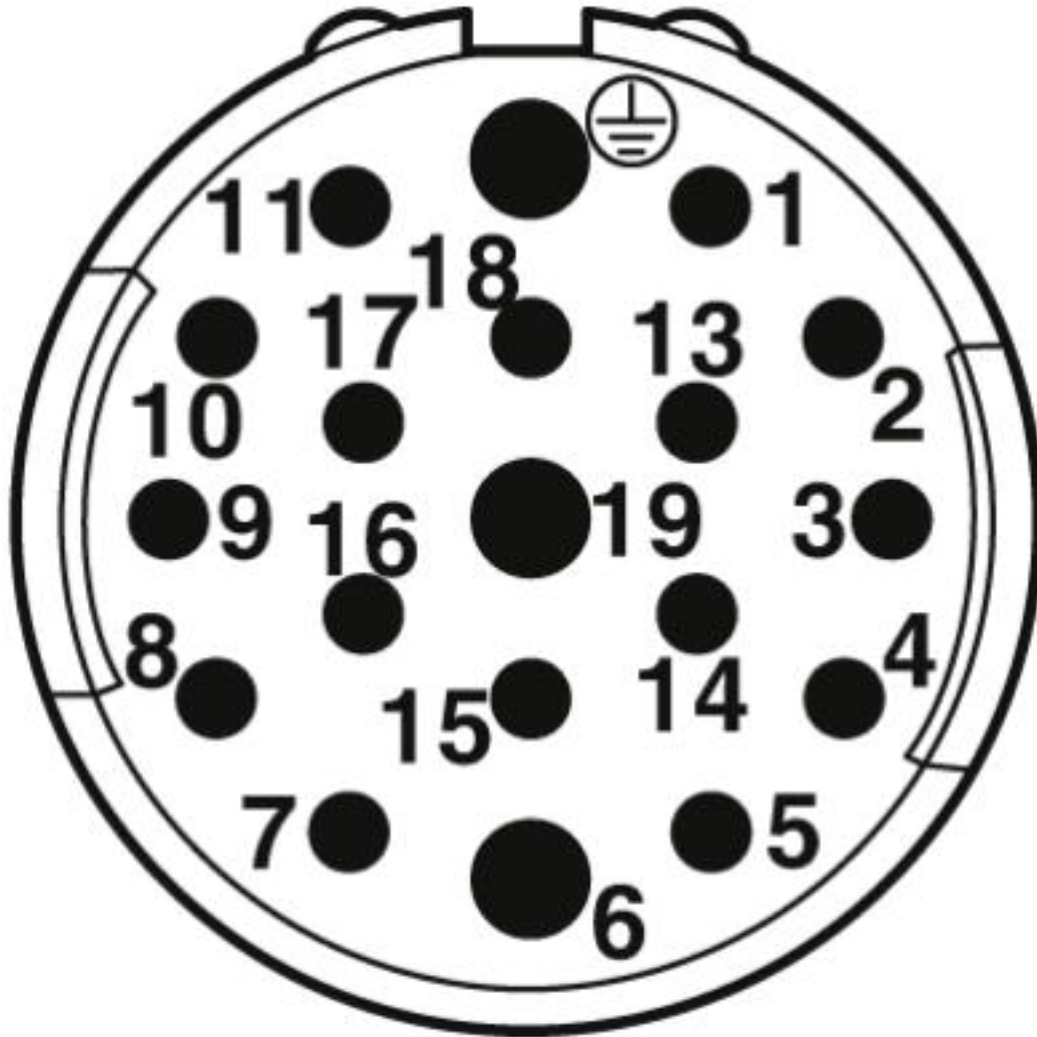
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Dimensional drawing



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Schematic diagram



Approvals

Approvals

Approvals


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 E335019-20141210 |
| Nominal voltage UN | | 150 V |
| Nominal current IN | | 8 A |
| mm ² /AWG/kcmil | | 18 |

| | | |
|----------------------------|---|--|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335019-20141210 |
| Nominal voltage UN | | 150 V |
| Nominal current IN | | 5 A |
| mm ² /AWG/kcmil | | 18 |

| | |
|------------------|---|
| cULus Recognized |  |
|------------------|---|

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