

Coupler connector - RF-17S1N8A90DU - 1607343

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Coupler connector, straight, Screw locking, M23, number of positions: 17, type of contact: Socket, Crimp connection, shielded: yes, cable diameter range: 5 mm ... 13.2 mm

The figure shows the 12-pos. product version



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 20 pc |
| GTIN |  4 046356 174695 |
| GTIN | 4046356174695 |

Technical data

General

| | |
|--|---|
| Note | Order information: Order crimp contacts Ø 1 mm separately |
| Type of locking | Screw locking |
| Direction of rotation of contact chamber numbering | Standard |
| Coding | N |
| Contact connection method | Crimp connection |
| Type of contacts | Socket |
| Number of positions | 17 |
| Contact diameter of power contacts | 1 mm |
| Nominal current per power contact at 25°C | 8 A |
| Conductor entry | 5 mm ... 13.2 mm |
| Pg housing screw connection | none |

Ambient conditions

| | |
|----------------------|-------------------|
| Ambient temperature | -40 °C ... 125 °C |
| Degree of protection | IP67 |

Material

Coupler connector - RF-17S1N8A90DU - 1607343

Technical data

Material

| | |
|----------------------------|--|
| Housing material | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Insulator material | PA 6.6 |
| Gasket and O-ring material | FPM |

Specifications according to DIN EN 61984:2001

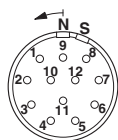
| | |
|---|--------|
| Installation height max. | 2000 m |
| Nominal / operating voltage of power contacts | 100 V |
| Rated surge voltage of power contacts | 1.5 kV |
| Overvoltage category of power contacts | III |
| Degree of pollution of power contacts | 3 |
| Overvoltage category of signal contacts | III |
| Degree of pollution of signal contacts | 3 |

Environmental Product Compliance

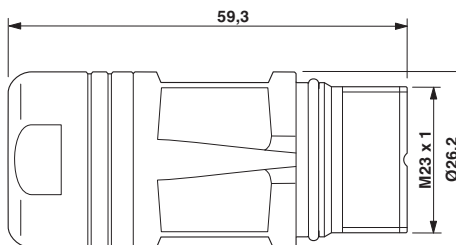
| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Schematic diagram

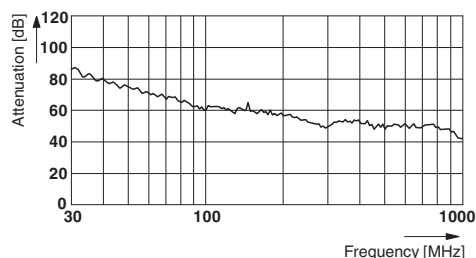


Dimensional drawing

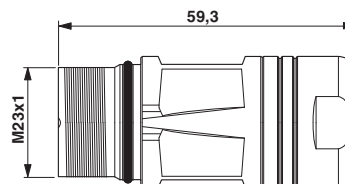


RF-12(17)...N8A90DU

Diagram



Dimensional drawing



Approvals

Approvals

Coupler connector - RF-17S1N8A90DU - 1607343

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

| | | | |
|----------------------------|--|---|---------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 153698 |
| | | | |
| Nominal voltage UN | | 125 V | |
| Nominal current IN | | 1 A | |
| mm ² /AWG/kcmil | | 26 | |

| | | | |
|----------------------------|--|---|---------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 153698 |
| | | | |
| Nominal voltage UN | | 125 V | |
| Nominal current IN | | 1 A | |
| mm ² /AWG/kcmil | | 26 | |

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

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

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