

Coupler connector - RF-16S2N8A90DU - 1613794

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Coupler connector, straight, Screw locking, M23, Number of positions: 16, Type of contact: Socket, Crimp connection, Shielded: Yes, Cable cross section: 5 mm...13.2 mm

The figure shows the 12-pos. product version with standard contact chamber numbering



Key commercial data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 1 |
| Weight per Piece (excluding packing) | 94.11 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

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 | Counter direction |
| Coding | N |
| Contact connection method | Crimp connection |
| Type of contacts | Socket |
| Number of positions | 16 |
| Contact diameter of power contacts | 1 mm |
| Nominal current per power contact at 25°C | 8 A |
| Conductor entry | 5 mm ... 13.2 mm |

Ambient conditions

| | |
|----------------------|-------------------|
| Ambient temperature | -20 °C ... 125 °C |
| Degree of protection | IP67 |

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Technical data

Material

| | |
|----------------------------|--|
| Housing material | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Insulator material | PA 66 |
| 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 |
| Surge voltage category of power contacts | III |
| Pollution degree of power contacts | 3 |
| Surge voltage category of signal contacts | III |
| Pollution degree of signal contacts | 3 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260708 |
| eCl@ss 7.0 | 27440312 |
| eCl@ss 8.0 | 27440312 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC002635 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2 | 43201404 |

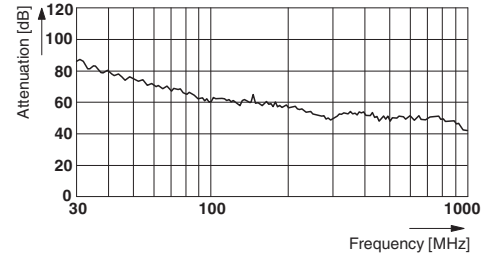
Drawings

Coupler connector - RF-16S2N8A90DU - 1613794

Schematic diagram



Diagram



Dimensioned drawing

