INDUSTRIAL COMPONENT DATA

# RF-06M1N1290DU 1617482 PHOENIX CONTACT Coupler connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: RF-06M1N1290DU**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | RF-06M1N1290DU |
| Catalog number | 1617482 |
| Category | Sensor-actuator connector chassis |
| Minimum order | 20 Pcs |
| Document ID | EO-C20E509BC2 |
| Generated | 2026-11-19 |

## Product Overview

Coupler connector
Plug-in coupling connector, straight, Screw lock, M23, number of poles: 6, contact type: Pin, shielded: yes, cable diameter range: 5 mm ... 13.2 mm, number of poles: 6, connection type: Solder connection

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Key Commercial Data
Orderkey 1617482
Packing unit 20 pc
Note Made to Order (non-returnable)
GTIN 4046356601726
Weight per Piece (excluding packing) 98.620 g
Custom tariff number 85366990
Country of origin DE (Germany)
General
Type of locking Screw locking
Insertion/withdrawal cycles mechanical 50
Direction of rotation of contact chamber numbering Standard
Coding N

Contact connection method Solder connection
Type of contacts Pin
Number of positions 6
Contact diameter of power contacts 2 mm
Litz wire cross section of power contacts min. 0.08 mm²
Litz wire cross section of power contacts max. 2.5 mm²
Nominal current per power contact at 25°C 20 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
Specifications according to DIN EN 61984:2001
Installation height max. 2000 m
Nominal / operating voltage of power contacts 50 V
Rated surge voltage of power contacts 2.5 kV
Overvoltage category of power contacts III
Degree of pollution of power 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”
Classifications
eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440102eCl@ss 8.027440102eCl@ss 9.027440103
ETIM 3.0EC001121ETIM 4.0EC001121ETIM 5.0EC002635ETIM 6.0EC002061
UNSP...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RF-06M1N1290DU with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**
Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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