INDUSTRIAL COMPONENT DATA

RF-16P1N8AWA00 1613766 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: RF-16P1N8AWA00



Manufacturer	PHOENIX CONTACT
MPN / Reference	RF-16P1N8AWA00
Catalog number	1613766
Category	Circular connector, mounting (without cable)
Minimum order	20 Pcs
Document ID	EO-B1A7C1901A
Generated	2026-11-19

Product Overview

Device connector, front mounting
Conect. plug. to be apar. front wall, straight, Screw lock, M23, number of poles: 16, contact type: Male, Axial O-ring, 4x Ø 3.2, shielded: yes, protection index: IP67, number of poles: 16, connection type: Crimped connection, series: RF

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data
Orderkey 1613766
Packing unit 20 pc
Note Made to Order (non-returnable)
GTIN 4046356402101
Weight per Piece (excluding packing) 30.750 g
Custom tariff number 85366990
Country of origin DE (Germany)
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 Pin
Number of positions 16
Contact diameter of power contacts 1 mm
Nominal current per power contact at 25°C 8 A
Pg housing screw connection none
Mounting type 4x Ø 3.2
Ambient conditions
Ambient temperature -40 °C ... 125 °C
Degree of protection IP67
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
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 5.027143424eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.0274...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RF-16P1N8AWA00 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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