INDUSTRIAL COMPONENT DATA

RF-12S1N8AWB00 1607830 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: RF-12S1N8AWB00



Manufacturer	PHOENIX CONTACT
MPN / Reference	RF-12S1N8AWB00
Catalog number	1607830
Category	Circular connector, mounting (without cable)
Minimum order	1 Pcs
Document ID	EO-5C287DF7C6
Generated	2026-11-18

Product Overview

Device connector, front mounting
Conect. plug. to be apar. front wall, straight, Screw lock, M23, number of poles: 12, contact type: Female, Axial O-ring, 4x Ø 3.2, shielded: yes, protection index: IP67, number of poles: 12, connection type: Crimped connection, series: RF
Front wall headers, straight, Screw lock, M23, number of poles: 12, contact type: Female connector, axial O-ring, 4x Ø 3.2, shielded: yes, number of poles: 12, connection type: Crimp 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 1607830
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 106 (C-2-2017)
GTIN 4046356174893
Weight per Piece (excluding packing) 3.300 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 Socket
Number of positions 12
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 -20 °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 150 V
Rated surge voltage of power contacts 2.5 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 5.127143...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RF-12S1N8AWB00 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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