INDUSTRIAL COMPONENT DATA

CA-1RP1N8A2S00 1624014 PHOENIX CONTACT Device connector, front mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: CA-1RP1N8A2S00



Manufacturer	PHOENIX CONTACT
MPN / Reference	CA-1RP1N8A2S00
Catalog number	1624014
Category	Circular connector, mounting (without cable)
Minimum order	1 Pcs
Document ID	EO-1CC06AB3C3
Generated	2026-11-18

Product Overview

Device connector, front mounting
M23, Conect. plug. to be apar. front wall, AC, straight, shielded: yes, for standard lock and SPEEDCON, No. of poles: 16+2+FE, Direction of rotation: Standard, type of contact: Male, Crimped connection, Flat joint, 4x Ø 3.2, flange measurement: 25 mm x 25 mm, coding:N
M23, Device connector front mounting, series: CA, straight, shielded: yes, for standard and SPEEDCON interlock, No. of pos.: 16+2+FE, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, Flat gasket, 4x Ø 3.2, flange dimensions: 25 mm x 25 mm, coding: N

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

Technical dataNotesOrder information: Order crimp contacts 16 x Ø 1 mm, 2 x Ø 1.5 mm, 1 x Ø 1.5 (PE) separately
Product propertiesProduct type Circular connectors (device side)
Data management status
Article revision 04
Material specificationsFlammability rating according to UL 94 V0
ConnectorInsulating body
Note Order information: Order crimp contacts 16x Ø 1 mm, 2x Ø 1.5 mm, 1x Ø 1.5 mm (FE, first) separately
Coding N
Insulation body material PA 6.6

Insertion/withdrawal cycles 100
Connection method Crimp connection
Contact switching type Pin
Application Signal
Number of positions 19
Direction of rotation Standard
Connection profile 16+2+FE
Contact diameterPower contacts 1.5 mm
Litz wire cross-sectionPower contactsmin. 0.08 mm²
Litz wire cross-sectionPower contactsmax. 1 mm²
Rated currentPower contacts 10 A
Note for max. connection cross section
Rated voltage 48 V AC
74 V DC
Rated surge voltage 1.5 kV
Overvoltage category II
Degree of pollution 3
Contact diameterSignal contacts 1 mm
Litz wire cross-sectionSignal contactsmin. 0.08 mm²
Litz wire cross-sectionSignal contactsmax. 1 mm²
Nominal current per signal contact 8 A
Rated voltage Signal contact 48 V AC
Rated surge voltage 1.5 kV
Overvoltage category III
Degree of pollution 3
Installation height 2000 m
Housing
Housing material GD-Zn
Flange dimensions 25 mm x 25 mm
Type of locking for standard and SPEEDCON interlock
Pg screw connection none
Degree of protection (plugged in) IP67
Thread type M23

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CA-1RP1N8A2S00 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.