

## 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-F3E2CF5346                                |
| Generated       | 2026-08-05                                   |

## 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 mm<sup>2</sup>  
Litz wire cross-sectionPower contactsmax. 1 mm<sup>2</sup>  
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 mm<sup>2</sup>  
Litz wire cross-sectionSignal contactsmax. 1 mm<sup>2</sup>  
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  
ETIM for 1624014 Connectors...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CA-1RP1N8A2S00 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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