

## INDUSTRIAL COMPONENT DATA

# RC-09S1N124000 1595843 PHOENIX CONTACT Device connector, rear mounting

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-09S1N124000



|                 |                   |
|-----------------|-------------------|
| Manufacturer    | PHOENIX CONTACT   |
| MPN / Reference | RC-09S1N124000    |
| Catalog number  | 1595843           |
| Category        | Modular connector |
| Minimum order   | 1 Pcs             |
| Document ID     | EO-FEEA1F2205     |
| Generated       | 2026-08-06        |

## Product Overview

Device connector, rear mounting

M23, Conect. plug. to be apar. poster wall, RC, straight, Screw lock, No. of poles: 8+1, Rotation direction: Standard, contact type: Female, Weld connection, Flat joint, 4xM2.5, coding:N, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1240710

M23, Device connector rear mounting, series: RC, straight, Screw locking mechanism, No. of pos.: 8+1, Direction of rotation: Standard, contact connection type: Socket, Solder cup, Flat gasket, 4x M2.5, coding: N, Alternative product in accordance with RoHS II without Exemption 6c (Pb

## 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 dataProduct propertiesProduct type Circular connector (cable-side)

Thread type M23

Material specificationsFlammability rating according to UL 94 V0

Connection dataConductor connection

Connection method Solder connection

ConnectorInsulating body

Coding N

Insertion/withdrawal cycles 50

Connection method Solder cup

Contact switching type Socket  
Application Signal  
Number of positions 9  
Direction of rotation Standard  
Connection profile 8+1  
Contact diameterPower contacts 2 mm  
Litz wire cross-sectionPower contactsmín. 0.08 mm<sup>2</sup>  
Litz wire cross-sectionPower contactsmáx. 2.5 mm<sup>2</sup>  
Rated currentPower contacts 20 A  
Rated voltage 48 V AC  
74 V DC  
Rated surge voltage 1.5 kV  
Overvoltage category III  
Degree of pollution 3  
Contact diameterSignal contacts 1 mm  
Litz wire cross-sectionSignal contactsmín. 0.08 mm<sup>2</sup>  
Litz wire cross-sectionSignal contactsmáx. 1 mm<sup>2</sup>  
Nominal current per signal contact 8 A  
Housing  
Housing material Metal  
Type of locking Screw locking mechanism  
Pg screw connection none  
Degree of protection (plugged in) IP67  
Thread type M23  
Environmental and real-life conditionsAmbient conditions  
Degree of protection IP67

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-09S1N124000 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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