

**INDUSTRIAL COMPONENT DATA**

# RC-16S1N8A90HP 1611178 PHOENIX CONTACT Coupler connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-16S1N8A90HP



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | RC-16S1N8A90HP                    |
| Catalog number  | 1611178                           |
| Category        | Sensor-actuator connector chassis |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-6F49AF51A8                     |
| Generated       | 2026-08-05                        |

## Product Overview

Coupler connector

**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 &gt; Field Device Connectors (FDC)

## Additional Product Information

Key Commercial Data

Orderkey 1611178

Packing unit 1

GTIN 4046356265782

Custom tariff number 85366990

Data of the insulating body

Note Order information: Order crimp contacts Ø 1 mm separately

Coding N

Contact connection method Crimp connection

Type of contacts Socket

Application Signal

Number of positions 16

Contact diameter of power contacts 1 mm

Nominal current per power contact at 25°C 8 A

Nominal voltage, power contact 150 V

Rated surge voltage 1.5 kV  
Overvoltage category II  
Degree of pollution 3  
Overvoltage category II  
Degree of pollution 3  
Housing data  
Housing material Metal  
Type of locking Screw locking  
Degree of protection (when plugged in) IP67  
Thread type M23  
Cable seal data  
Cable diameter 3 mm ... 10.5 mm  
Sealing material NBR  
Environmental Product Compliance  
REACH SVHC Lead 7439-92-1  
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 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss  
7.027440102eCl@ss 8.027440102eCl@ss 9.027440103  
ETIM 3.0EC001121ETIM 4.0EC001121ETIM 5.0EC001121ETIM 6.0EC002061  
UNSPSC 6.0143172015UNSPSC 7.090143201404UNSPSC 1143172015UNSPSC 12.0143201404UNSPSC  
13.239121413

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-16S1N8A90HP 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

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.