INDUSTRIAL COMPONENT DATA

# RC-16P1N120000 1600509 PHOENIX CONTACT Contact insert

**Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-16P1N120000**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | RC-16P1N120000 |
| Catalog number | 1600509 |
| Category | Contact insert for circular connectors |
| Minimum order | 10 Pcs |
| Document ID | EO-85DF2A2E07 |
| Generated | 2026-11-19 |

## Product Overview

Contact insert
Contact insert, number of poles: 16, contact type: Male, Solder connection, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1241213
Contact insert, M23, number of poles: 16, contact connection type: Male, Solder cup, series: NC, RC, RM, TU, UC, Alternative product according to RoHS II without exception 6c (Pb < 0.1%) item code: 1241213

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |

## Additional Product Information

Key Commercial Data
Orderkey 1600509
Packing unit 10 pc
Minimum order quantity 10 pc
Note Made to Order (non-returnable)
GTIN 4046356230421
Weight per Piece (excluding packing) 10.360 g
Custom tariff number 85389099
Country of origin DE (Germany)
General
Insertion/withdrawal cycles mechanical 50
Direction of rotation of contact chamber numbering Standard

Coding N
Contact connection method Solder connection
Type of contacts Pin
Number of positions 16
Contact diameter of power contacts 1 mm
Litz wire cross section of power contacts min. 0.08 mm²
Litz wire cross section of power contacts max. 1 mm²
Nominal current per power contact at 25°C 8 A
Material
Insulator material PBT
Contact material CuZn
Contact surface Nickel-plated, gold coating
Specifications according to DIN EN 61984:2001
Nominal / operating voltage of power contacts 150 V
Rated surge voltage of power contacts 1.5 kV
Overvoltage category of power contacts II
Degree of pollution of power contacts 3
Overvoltage category of signal contacts II
Degree of pollution of signal contacts 3
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 5.127261200eCl@ss 6.027261200eCl@ss 7.027440205eCl@ss 8.027440205eCl@ss 9.027440205
ETIM 3.0EC001121ETIM 4.0EC001121ETIM 5.0EC000438ETIM 6.0EC000438
UNSPSC...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-16P1N120000 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

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