

**INDUSTRIAL COMPONENT DATA**

# RC-07P1N8B0000 1594497 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-07P1N8B0000



|                 |                                        |
|-----------------|----------------------------------------|
| Manufacturer    | PHOENIX CONTACT                        |
| MPN / Reference | RC-07P1N8B0000                         |
| Catalog number  | 1594497                                |
| Category        | Contact insert for circular connectors |
| Minimum order   | 10 Pcs                                 |
| Document ID     | EO-D9D74CA49D                          |
| Generated       | 2026-08-06                             |

## Product Overview

Contact insert

Contact insert, number of poles: 7, contact type: Male, Crimped connection, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1240506

Contact insert, M23, number of positions: 7, contact connection type: Pin, Crimp connection, series: NC, RC, RM, TU, UC, 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 Contact insert

Series NC

RC

RM

TU

UC

Application Signal

Number of positions 7

Connection profile 7

Coding N

Thread type M23

Data management status

Article revision 04  
Electrical propertiesContact  
Contact diameter 2 mm  
Min. cross section 1.5 mm<sup>2</sup>  
Max. cross section 2.5 mm<sup>2</sup>  
Max. current 20 A  
Nominal voltage UN 48 V AC 74 V DC  
Overvoltage category III  
Degree of pollution 3  
Rated surge voltage 1.5 kV  
Connection dataConnection method Crimp connection  
Material specificationsInsulator material PA66  
Contact material CuZn  
Contact surface Nickel-plated, gold coating  
ConnectorDirection of rotation Standard  
Mechanical propertiesMechanical data  
Insertion/withdrawal cycles 50  
Environmental and real-life conditionsAmbient conditions  
Ambient temperature (storage/transport) 15 °C ... 25 °C  
Permissible humidity (storage/transport) 50 % ... 65 %  
ETIM for 1594497 Connectors (EC003557)  
Feature Name  
Feature Value  
Number of poles (EF001391)  
7

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-07P1N8B0000 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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