

## INDUSTRIAL COMPONENT DATA

## RC-07S1N8K0000 1606998 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-07S1N8K0000



|                 |                                        |
|-----------------|----------------------------------------|
| Manufacturer    | PHOENIX CONTACT                        |
| MPN / Reference | RC-07S1N8K0000                         |
| Catalog number  | 1606998                                |
| Category        | Contact insert for circular connectors |
| Minimum order   | 10 Pcs                                 |
| Document ID     | EO-1F98691E9A                          |
| Generated       | 2026-08-06                             |

## Product Overview

Contact insert

Contact insert, number of poles: 7, contact type: Female, Crimped connection

Contact insert, M23, number of positions: 7, contact connection type: Socket, 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 &amp; 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 03

**Electrical properties**Contact

Contact diameter 2 mm

Min. cross section 1 mm<sup>2</sup>Max. cross section 1.5 mm<sup>2</sup>

Max. current 12 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 1606998 Connectors (EC003557)

Feature Name

Feature Value

Number of poles (EF001391)

7

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / RC-07S1N8K0000 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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