

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	2026-08-05

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 & 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 propertiesContact

Contact diameter 2 mm

Min. cross section 1 mm²Max. cross section 1.5 mm²

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 specifications**Insulator material PA66

Contact material CuZn

Contact surface Nickel-plated, gold coating

ConnectorDirection of rotation Standard**Mechanical properties**Mechanical 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 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

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.