

INDUSTRIAL COMPONENT DATA

RC-09S1N8C0000 1596417 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-09S1N8C0000



Manufacturer	PHOENIX CONTACT
MPN / Reference	RC-09S1N8C0000
Catalog number	1596417
Category	Contact insert for circular connectors
Minimum order	10 Pcs
Document ID	EO-B339CE2B69
Generated	2026-08-05

Product Overview

Contact insert

Contact insert, number of poles: 8+1, contact type: Female, Connection set

Contact insert, M23, number of poles: 8+1, contact connection type: Female, Crimp connection, series: NC, RC, RM, TU, UC, Alternative product according to RoHS II without exception 6c (Pb < 0.1%) item code: 1240705

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)
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Additional Product Information

Key Commercial Data

Orderkey 1596417

Packing unit 1 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

GTIN 4046356211215

Weight per Piece (excluding packing) 12.400 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 Crimp connection

Type of contacts Socket

Number of positions 9

Contact diameter of power contacts 2 mm

Litz wire cross section of power contacts min. 1.5 mm²

Litz wire cross section of power contacts max. 2.5 mm²

Nominal current per power contact at 25°C 20 A

Contact diameter of signal contacts 1 mm

Litz wire cross section of signal contacts min. 0.14 mm²

Litz wire cross section of signal contacts max. 0.56 mm²

Nominal current per signal contact at 25°C 8 A

Material

Insulator material PA66

Contact material CuZn

Contact surface Nickel-plated, gold coating

Specifications according to DIN EN 61984:2001

Nominal / operating voltage of power contacts 300 V

Rated surge voltage of power contacts 2.5 kV

Overvoltage category of power contacts II

Degree of pollution of power contacts 3

Nominal / operating voltage of signal contacts 300 V

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 "Ma..."

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-09S1N8C0000 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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