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-0AF753A2A0
Generated	2026-11-19

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)

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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