

INDUSTRIAL COMPONENT DATA

RC-12P1N8E0000 1597641 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-12P1N8E0000



Manufacturer	PHOENIX CONTACT
MPN / Reference	RC-12P1N8E0000
Catalog number	1597641
Category	Contact insert for circular connectors
Minimum order	10 Pcs
Document ID	EO-76E63A46F2
Generated	2026-08-06

Product Overview

Contact insert

Contact Insert, Number of Poles: 12, Contact Type: Male, Crimped Connection

Contact insert, M23, number of positions: 12, contact connection type: Pin, Crimp connection, series: NC, RC, RM, TU, UC

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 12

Connection profile 12

Coding N

Thread type M23

Data management status

Article revision 02

Electrical propertiesContact

Contact diameter 1 mm
Min. cross section 0.22 mm²
Max. cross section 0.56 mm²
Max. current 8 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 1597641 Connectors (EC003557)
Feature Name
Feature Value
Number of poles (EF001391)
12

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-12P1N8E0000 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.