INDUSTRIAL COMPONENT DATA

RC-07P1N8K0000 1606997 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-07P1N8K0000



Manufacturer	PHOENIX CONTACT
MPN / Reference	RC-07P1N8K0000
Catalog number	1606997
Category	Contact insert for circular connectors
Minimum order	10 Pcs
Document ID	EO-A65B015D85
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 7, contact type: Male, Crimped connection, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1242198
Contact insert, M23, number of poles: 7, contact connection type: Plug, Crimp connection, series: NC, RC, RM, TU, UC, Alternative according to RoHS II without exception 6c (Pb < 0.1 %) Item no.: 1242198

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 1606997
Packing unit 1 pc
Minimum order quantity 10 pc
Note Made to Order (non-returnable)
GTIN 4046356201780
Weight per Piece (excluding packing) 4.750 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 Pin
Number of positions 7
Contact diameter of power contacts 2 mm
Litz wire cross section of power contacts min. 1 mm²
Litz wire cross section of power contacts max. 1.5 mm²
Nominal current per power contact at 25°C 20 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
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 “Manufacturer's declaration”
Classifications
eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127261200eCl@ss 6.027261200eCl@ss 7.027440205eCl@ss 8.027440205eCl@ss 9.027440205
ETIM 3.0EC001121ETIM 4.0EC001121ETIM 5.0EC000438ETIM 6.0EC000438
UNSPSC 6....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-07P1N8K0000 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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