

INDUSTRIAL COMPONENT DATA

HC-Q12-I-CT-F 1418625 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-Q12-I-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-Q12-I-CT-F
Catalog number	1418625
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-430388EEB5
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Product Overview

Contact insert

Contact insert, number of poles: 12+PE, size: D7, number of connections per pole: 1, Female, Crimped connection, 400 V, 12 A, 0.14 mm² ... 2.5 mm²

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 > Industrial plug-in connectors/interfaces
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Additional Product Information

Key Commercial Data

Orderkey 1418625

Packing unit 1 pc

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GTIN 4055626249384

Weight per Piece (excluding packing) 14.700 g

Custom tariff number 85389099

Country of origin CN (China)

General

Note For HC-D7 housing, crimp contacts CK1,6-ED (crimp contacts not included in scope of supply)

Connection method Crimp connection

PE connection

Number of connections per position 1

Degree of pollution 3

Overvoltage category III

Number of positions 12+PE

Insertion/withdrawal cycles ≥ 500

Size D7

Contact numbering 1 - 12

Conductor cross section 0.14 mm² ... 2.5 mm²

Connection cross section AWG 26 ... 14

Stripping length of the individual wire 8 mm

6 mm (2.5 mm²)

Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required

Connection Contact insert including IP67 sealing screw.

Ambient conditions

Ambient temperature (operation) -40 °C ... 125 °C (including heating up of contacts)

Material data

Contact material Copper alloy

Contact surface material Ag (alternatively Au)

Contact carrier material PC

Electrical characteristics

Rated voltage (III/3) 400 V

Rated surge voltage 6 kV

Rated current 10 A

Standards and Regulations

Flammability rating according to UL 94 V0

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 5.127261200eCl@ss 6....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-Q12-I-CT-F 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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