

INDUSTRIAL COMPONENT DATA

HC-Q07-I-CT-F 1418623 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-Q07-I-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-Q07-I-CT-F
Catalog number	1418623
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-77A3448495
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Product Overview

Contact insert

Contact insert, number of poles: 7+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 1418623

Packing unit 1 pc

Catalog page Page 503 (C-2-2017)

GTIN 4055626249360

Weight per Piece (excluding packing) 16.200 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 7+PE

Insertion/withdrawal cycles ≥ 500

Size D7

Contact numbering 1 - 7

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 Four different coding options to prevent mismatching.

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

Constructional and testing regulations DIN VDE 0627/86

DIN VDE 0110/02.79

DIN VDE 0110-1/04.97

IEC 60664-1, DIN IEC 60512

IEC 60352

Flammability rating according to UL 94 V0

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-Q07-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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