

INDUSTRIAL COMPONENT DATA

HC-Q02-I-CT-F 1419895 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-Q02-I-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-Q02-I-CT-F
Catalog number	1419895
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-E4CD7DA607
Generated	2026-08-02

Product Overview

Contact insert

Contact insert, number of poles: 2+PE, size: D7, number of connections per pole: 1, Female, Crimped connection, 400 V, 40 A, 1.5 mm² ... 6 mm², Application: Power

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

Additional Product Information

Key Commercial Data

Orderkey 1419895

Packing unit 1 pc

Catalog page Page 507 (C-2-2017)

GTIN 4055626256146

Weight per Piece (excluding packing) 9.400 g

Custom tariff number 85389099

Country of origin CN (China)

General

Note For HC-D7 housing, crimp contacts CK 4,0. Crimp contacts not included in scope of supply.

Connection method Crimp connection

Number of connections per position 1

Degree of pollution 3

Overvoltage category III

Number of positions 2+PE

Insertion/withdrawal cycles ≥ 500

Size D7

Contact numbering 1 - 2

Conductor cross section 1.5 mm² ... 6 mm²

Connection cross section AWG 16 ... 10

Stripping length of the individual wire 9 mm (1.5 ... 6.0 mm²)

11 mm (for 10 mm²)

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

Ambient conditions

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

Material data

Contact material Copper alloy

Contact surface material Ag

Contact carrier material PC

Electrical characteristics

Rated voltage (III/3) 400 V

Rated surge voltage 6 kV

Rated current 40 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

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classificati...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-Q02-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

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.