

INDUSTRIAL COMPONENT DATA

HC-Q03-I-CT-F 1419897 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-Q03-I-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-Q03-I-CT-F
Catalog number	1419897
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-CA0507AD71
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Product Overview

Contact insert

Contact insert, number of poles: 3+PE, size: D7, number of connections per pole: 1, Female, Crimped connection, 400 V, 40 A, 1.5 mm² ... 6 mm², Application: Power

Contact insert, number of positions: 3+PE, size: D7, number of connections per position: 1, Socket, Crimp 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
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Additional Product Information

Technical dataNotesGeneral For HC-D7 housing, crimp contacts CK 4.0. Crimp contacts not included in scope of supply.

General Connectors may be operated only when there is no load/voltage.

MountingAssembly note To ensure correct use, installation in housing with IP54 protection or better is required

Product propertiesProduct type Contact insert with a fixed no. of positions

Series HC-HS

Application Power

Type D7

Number of positions 3

Connection profile 3+PE

Contact numbering 1 - 2

Number of connections per position 1

Contact material type turned

Data management status

Article revision 04

Insulation characteristics

Overvoltage category III

Degree of pollution 3

DimensionsDimensional drawing

Width 21 mm

Height 34.8 mm

Length 21 mm

Mechanical characteristics

Contact diameter 4 mm

Connection dataConnection technology

Connection technology Crimp connection

Crimp connection (PE contact)

Number of connections per position 1

Connection in acc. with standard IEC / EN

Conductor connection

Conductor cross section 1.5 mm² ... 6 mm²

Connection cross section AWG 16 ... 10

Tightening torque 0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)

Stripping length of the individual wire 9 mm (2,5 mm² ... 6,0 mm²)

11 mm (for 10 mm²)

Electrical propertiesRated voltage (III/3) 400 V

Rated surge voltage 6 kV

Rated current 40 A

Mechanical propertiesMechanical data

Insertion/withdrawal cycles >= 500

Material specificationsFlammability rating according to UL 94 V0

Contact material Co...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-Q03-I-CT-F with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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