

INDUSTRIAL COMPONENT DATA

HC-D07-I-CT-M-42V-METAL 1425005 PHOENIX CONTACT

Contact insert HC-D07-I-CT-M-42V-METAL 1425005

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-D07-I-CT-M-42V-METAL



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-D07-I-CT-M-42V-METAL
Catalog number	1425005
Category	Contact insert for rectangular connectors
Minimum order	10 Pcs
Document ID	EO-48CC0C01C4
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Product Overview

Contact insert - HC-D07-I-CT-M-42V-METAL - 1425005

Contact insert, number of poles: 7+PE, size: D7, Male, Crimped connection, 42 V, 10 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

Additional Product Information

HEAVYCON male insert, D7 series, 7-pos., crimp connection, with IP65 sealing screw

Key Commercial Data

Orderkey 1425005

Packing unit 1 pc

Minimum order quantity 10 pc

GTIN 4055626383361

Weight per Piece (excluding packing) 8.500 g

Custom tariff number 85389099

Country of origin CN (China)

General

Connection method Crimp connection

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 (0.14 ... 1.5 mm²)

6 mm (2.5 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

Seal material NBR

Contact material Copper alloy

Contact surface material Ag (alternatively Au)

Contact carrier material PC

Standards/regulations PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2

(Risk level HL1 - HL3)

Electrical characteristics

Rated voltage (III/3) 42 V

Rated surge voltage 4 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

Classifications

eCl@ss

eCl@ss 5.1 27261200

eCl@ss 6.0 27261200

eCl@ss 7....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-D07-I-CT-M-42V-METAL 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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