

INDUSTRIAL COMPONENT DATA

HC-D 25-I-CT-M-Z 1411478 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-D 25-I-CT-M-Z



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-D 25-I-CT-M-Z
Catalog number	1411478
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-33ACAA8C49
Generated	2026-08-04

Product Overview

Contact insert

Contact insert, number of poles: 25+PE, size: D25, Male, Crimped connection, 250 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

Key Commercial Data

Orderkey 1411478

Packing unit 1 pc

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GTIN 4046356921824

Weight per Piece (excluding packing) 31.500 g

Custom tariff number 85389099

Country of origin CN (China)

General

Note For HEAVYCON housing type D25, CK1,6-ED crimp contacts (crimp contacts not supplied as standard)

Connection method Crimp connection

Degree of pollution 3

Overvoltage category III

Number of positions 25+PE

Insertion/withdrawal cycles >= 500

Size D25

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 Connectors may be plugged in only when there is no load/voltage.

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 PA

Electrical characteristics

Rated voltage (III/3) 250 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 5.127261200eCl@ss 6.027261200eCl@ss 7.027440205eCl@ss 8.027440205eCl@ss 9.027440205

ETIM 4.0EC002498ETIM 5.0EC000438ETIM 6.0EC000438

UNSPSC 13.239121...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-D 25-I-CT-M-Z 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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