INDUSTRIAL COMPONENT DATA

HC-D 25-I-CT-F-Z 1411481 PHOENIX CONTACT Contact insert

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-D 25-I-CT-F-Z
Catalog number	1411481
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-05D8632593
Generated	2026-11-18

Product Overview

Contact insert

Contact insert, number of poles: 25+PE, size: D25, Female, 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 1411481
Packing unit 1 pc
Catalog page Page 517 (C-2-2017)
GTIN 4046356921831
Weight per Piece (excluding packing) 33.000 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
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 13.239121522

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-D 25-I-CT-F-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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