INDUSTRIAL COMPONENT DATA

HC-D07-I-CT-F-42V-METAL 1425006 PHOENIX CONTACT Contact insert HC-D07-I-CT-F-42V-METAL 1425006

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-D07-I-CT-F-42V-METAL
Catalog number	1425006
Category	Contact insert for rectangular connectors
Minimum order	10 Pcs
Document ID	EO-87E252B65C
Generated	2026-11-19

Product Overview

Contact insert - HC-D07-I-CT-F-42V-METAL - 1425006
Contact insert, number of poles: 7+PE, size: D7, Female, 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 1425006
Packing unit 1 pc
Minimum order quantity 10 pc
GTIN 4055626383354
Weight per Piece (excluding packing) 9.300 g
Custom tariff number 85389099
Country of origin CN (China)
General
Note For HC-D7 housing, crimp contacts CK1,6-ED (crimp contacts not included in scope of supply)
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 rati...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-D07-I-CT-F-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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