INDUSTRIAL COMPONENT DATA

HC-D 8-I-CT-F 1584363 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-D 8-I-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-D 8-I-CT-F
Catalog number	1584363
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-5984C15DA0
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 8, size: D7, number of connections per pole: 1, Female, Crimped connection, 42 V, 10 A, 0.14 mm² ... 2.5 mm²
Contact insert, number of positions: 8, size: D7, number of connections per position: 1, Socket, Crimp 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

Key Commercial Data
Orderkey 1584363
Packing unit 1 pc
Catalog page Page 503 (C-2-2017)
GTIN 4046356142625
Weight per Piece (excluding packing) 9.000 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)
Product already includes one IP65 sealing screw
Connection method Crimp connection

Number of connections per position 1
Degree of pollution 3
Overvoltage category III
Number of positions 8
Insertion/withdrawal cycles >= 500
Size D7
Contact numbering 1 - 8
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
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) 50 V
Rated surge voltage 0.8 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-D 8-I-CT-F 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.