INDUSTRIAL COMPONENT DATA

HC-Q07-I-CT-F 1418623 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-Q07-I-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-Q07-I-CT-F
Catalog number	1418623
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-0AE88F4DC3
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 7+PE, size: D7, number of connections per pole: 1, Female, Crimped connection, 400 V, 12 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 1418623
Packing unit 1 pc
Catalog page Page 503 (C-2-2017)
GTIN 4055626249360
Weight per Piece (excluding packing) 16.200 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
PE connection
Number of connections per position 1
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
6 mm (2.5 mm²)
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Connection Four different coding options to prevent mismatching.
Contact insert including IP67 sealing screw.
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
Electrical characteristics
Rated voltage (III/3) 400 V
Rated surge voltage 6 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
Environmental Product Compliance
REACh SVHC Lead 7439-92-1
China RoHS....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-Q07-I-CT-F with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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