INDUSTRIAL COMPONENT DATA

HC-Q12-I-CT-F 1418625 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-Q12-I-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-Q12-I-CT-F
Catalog number	1418625
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-3886A70021
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 12+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 1418625
Packing unit 1 pc
Catalog page Page 503 (C-2-2017)
GTIN 4055626249384
Weight per Piece (excluding packing) 14.700 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 12+PE
Insertion/withdrawal cycles >= 500
Size D7
Contact numbering 1 - 12
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 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
Flammability rating according to UL 94 V0
Environmental Product Compliance
REACh SVHC Lead 7439-92-1
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
Classifications
eCl@ss 5.127261200eCl@ss 6....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-Q12-I-CT-F with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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