INDUSTRIAL COMPONENT DATA

# HC-Q02-I-CT-M 1419893 PHOENIX CONTACT Contact insert

**Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-Q02-I-CT-M**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | HC-Q02-I-CT-M |
| Catalog number | 1419893 |
| Category | Contact insert for rectangular connectors |
| Minimum order | 1 Pcs |
| Document ID | EO-EE48B19B4E |
| Generated | 2026-11-18 |

## Product Overview

Contact insert
Contact insert, number of poles: 2+PE, size: D7, number of connections per pole: 1, Male, Crimped connection, 400 V, 40 A, 1.5 mm² ... 6 mm², Application: Power

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial plug-in connectors/interfaces |

## Additional Product Information

Key Commercial Data
Orderkey 1419893
Packing unit 1 pc
Catalog page Page 507 (C-2-2017)
GTIN 4055626256139
Weight per Piece (excluding packing) 14.100 g
Custom tariff number 85389099
Country of origin CN (China)
General
Note For HC-D7 housing, crimp contacts CK 4,0. Crimp contacts not included in scope of supply.
Connection method Crimp connection
Number of connections per position 1
Degree of pollution 3
Overvoltage category III

Number of positions 2+PE
Insertion/withdrawal cycles >= 500
Size D7
Contact numbering 1 - 2
Conductor cross section 1.5 mm² ... 6 mm²
Connection cross section AWG 16 ... 10
Stripping length of the individual wire 9 mm (1.5 ... 6.0 mm²)
11 mm (for 10 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
Contact carrier material PC
Electrical characteristics
Rated voltage (III/3) 400 V
Rated surge voltage 6 kV
Rated current 40 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
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declar...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-Q02-I-CT-M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.



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