INDUSTRIAL COMPONENT DATA

# HC-M-20-CT-M 1414372 PHOENIX CONTACT Contact insert module

**Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-M-20-CT-M**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | HC-M-20-CT-M |
| Catalog number | 1414372 |
| Category | Contact insert for rectangular connectors |
| Minimum order | 2 Pcs |
| Document ID | EO-3B2DF83FD8 |
| Generated | 2026-11-19 |

## Product Overview

Contact insert module
Contact insert module, number of poles: 20, power contacts: 20, control contacts: 0, Male, Crimped connection, 690 V, 16 A, 0.5 mm² ... 4 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 1414372
Packing unit 2 pc
Minimum order quantity 2 pc
Catalog page Page 569 (C-2-2017)
GTIN 4055626025254
Weight per Piece (excluding packing) 19.300 g
Custom tariff number 85389099
Country of origin PL (Poland)
Dimensions
Height 37.6 mm
Width 34.2 mm
Length 29.4 mm

Electrical characteristics
Rated voltage (III/3) 690 V
Rated current 16 A
Rated surge voltage 6 kV
Connection profile 20
Ambient conditions
Ambient temperature (operation) -40 °C ... 125 °C
Mechanical characteristics
Conductor cross section 0.5 mm² ... 4 mm²
Connection cross section AWG 20 ... 12
Stripping length of the individual wire 7.5 mm
Contact diameter 2.5 mm
Insertion/withdrawal cycles >= 500
General
Note For HEAVYCON housing type B6 to B48, HC-M-B...MF-... hinged module carrier frame required, CK2,5-ED... imp contacts, crimp contacts not supplied as standard.
Series HC-M-20
Color light gray
Number of module slots 2
Connection method Crimp connection
Contact type turned
Flammability rating according to UL 94 V0
Degree of pollution 3
Overvoltage category III
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Material data
Contact material Copper alloy
Contact surface material Ag (alternatively Au)
Contact carrier material PC
Standards and Regulations
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-M-20-CT-M 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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