

INDUSTRIAL COMPONENT DATA

HC-M-20-CT-F 1414373 PHOENIX CONTACT Contact insert module

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-M-20-CT-F
Catalog number	1414373
Category	Contact insert for rectangular connectors
Minimum order	2 Pcs
Document ID	EO-43C148FE7B
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Product Overview

Contact insert module

Contact insert module, number of poles: 20, power contacts: 20, control contacts: 0, Female, 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

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

Additional Product Information

Key Commercial Data

Orderkey 1414373

Packing unit 2 pc

Minimum order quantity 2 pc

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GTIN 4055626025261

Weight per Piece (excluding packing) 22.600 g

Custom tariff number 85389099

Country of origin PL (Poland)

Dimensions

Height 39.95 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 characteristicsConductor cross section 0.5 mm² ... 4 mm²

Connection cross section AWG 20 ... 12

Stripping length of the individual wire 7.5 mm

Tightening torque

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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-M-20-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

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