

INDUSTRIAL COMPONENT DATA

HC-M-02-EMC-F 1417376 PHOENIX CONTACT Contact insert module

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-M-02-EMC-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-M-02-EMC-F
Catalog number	1417376
Category	Contact insert for rectangular connectors
Minimum order	2 Pcs
Document ID	EO-E4A1F1430E
Generated	2026-08-05

Product Overview

Contact insert module

Contact insert module, number of poles: 2, Female, Crimped connection, 48 V, 10 A, 0.14 mm² ... 2.5 mm², application: Data/signal, for the use of two EMC connectors (female connector), number of poles: 1, 4, 8

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 1417376

Packing unit 2 pc

Minimum order quantity 2 pc

Catalog page Page 573 (C-2-2017)

GTIN 4055626112572

Weight per Piece (excluding packing) 13.800 g

Custom tariff number 85389099

Country of origin PL (Poland)

Dimensions

Height 34 mm

Width 34.2 mm

Length 29.4 mm

Electrical characteristics

Rated voltage (III/3) 50 V

Rated current 10 A

Rated surge voltage 0.8 kV

Connection profile 2

Ambient conditions

Ambient temperature (operation) -40 °C ... 125 °C

Mechanical characteristicsConductor cross section 0.14 mm² ... 2.5 mm²

Contact diameter 1.6 mm

Insertion/withdrawal cycles >= 500

General

Note For HEAVYCON housing type B6 to B48, HC-M-B...MF-... hinged module carrier frame required.

Series HC-M-EMV

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

Connection Plastic module for the HC-M-EMV-BU/3-9.5 EMC connector

Material data

Contact material Copper alloy

Contact surface material Ag (power)/Au (signal)

Contact carrier material PC

Phase conductor material Zinc alloy

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 threshold values

Classifications

eCl@ss 5.12726...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-M-02-EMC-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.