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-5F4C5A385E
Generated	2026-11-19

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 characteristics
Conductor 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

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