

INDUSTRIAL COMPONENT DATA

HC-M-EMV-ST/3-9,5 1636088 PHOENIX CONTACT Connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-M-EMV-ST/3-9,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-M-EMV-ST/3-9,5
Catalog number	1636088
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-F6583E43F2
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Product Overview

Connector

CEM HEAVYCON plug-in connector, male variant, 4-pole, for the connection of shielded conductors with a cable outer diameter of 3 ... 9.5mm. For the insert in the plastic module HC-M-02-EMC-M

HEAVYCON EMC connector, male variant, 4-pole, for connecting shielded conductors with 3 ... 9.5 mm. For use in the plastic module HC-M-02-EMC-M

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 1636088

Packing unit 1 pc

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GTIN 4017918962920

Weight per Piece (excluding packing) 29.200 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Height 15.5 mm

Width 18 mm

Length 46 mm

Electrical characteristics

Rated voltage (III/3) 50 V

Rated current 10 A

Rated surge voltage 0.8 kV

Connection profile 4

Ambient conditions

Ambient temperature (operation) -40 °C ... 85 °C

Mechanical characteristicsConductor cross section 0.14 mm² ... 2.5 mm²

Connection cross section AWG 26 ... 14

Stripping length of the individual wire 8 mm (6 mm (for 2.5 mm²))

External cable diameter 3 mm ... 9.5 mm

Contact diameter 1.6 mm

Wire diameter including insulation 2.4 mm

Insertion/withdrawal cycles >= 500

General

Note The potential of the EMC connector housing is isolated from the potential of the heavy connector.

for CK 1,6...ED... crimp contacts (note in scope of delivery)

Clamps for the clamping range of 3 mm - 6 mm and 6 mm - 9.5 mm

Series HC-M-EMV

Connection method Crimp connection

Contact type turned

Flammability rating according to UL 94 V0

Degree of pollution 3

Overvoltage category III

Assembly instructions Housing height >= 72 mm.

Plug-in connections may only be operated only when there is no load/voltage.

Connection For use in HC-M-EMV-MOD-ST plastic module, usable CK1,6-ED-... crimp contacts

Material data

Contact material Copper alloy

Contact surface material Ag (alternatively Au)

Contact carrier material PC

Sta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-M-EMV-ST/3-9,5 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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