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-78D0B7E1D6
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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
Catalog page Page 573 (C-2-2017)
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 characteristics
Conductor 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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