

INDUSTRIAL COMPONENT DATA

HC-M-EMV-BU/3-9,5 1636091 PHOENIX CONTACT Connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-M-EMV-BU/3-9,5
Catalog number	1636091
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-94D08CA2EC
Generated	2026-08-02

Product Overview

Connector

CEM HEAVYCON plug-in connector, female connection 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-F

HEAVYCON EMC connector, socket version, 4-pos., for connecting shielded conductors with 3 - 9.5 mm external conductor diameter. For use in the HC-M-02-EMC-F plastic module

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

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

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

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

Product propertiesProduct type EMC insert, modular

Series HC-M-EMV

Application Data/signal

Number of positions 4

Connection profile 4

Contact numbering 1 - 4

No. of cable outlets 1

No. of power contacts 0

No. of control contacts 4
Contact material type turned
rolled
Shielded yes
Data management status
Article revision 02
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Electrical properties Rated voltage (III/3) 48 V
Rated surge voltage 0.8 kV
Rated current 10 A
Connection data Connection technology
Connection technology Crimp connection
Conductor connection
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 with 2.5 mm²)
Dimensions Dimensional drawing
Width 18 mm
Height 15.5 mm
Length 46 mm
Mechanical characteristics
Contact diameter 1.6 mm
Material specifications Flammability rating according to UL 94 V0
Contact material Copper alloy
Contact surface material Ag (alternatively Au)
Contact carrier material PC
Cable/line External cable diameter 3 mm ... 9.5 mm
Wire diameter including insulation 2.4 mm
Stripping length of the individual wire 8 mm (6 mm with 2.5 mm²)
Mechanical properties Mechanical data
Insertion/w...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-M-EMV-BU/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

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.