INDUSTRIAL COMPONENT DATA

HC-M-42-CT-F 1450937 PHOENIX CONTACT Contact insert module, number of poles: 42, power contacts: 0, control ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-M-42-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-M-42-CT-F
Catalog number	1450937
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-A5542B585E
Generated	2026-11-19

Product Overview

Contact insert module, number of poles: 42, power contacts: 0, control contacts: 42, Female, Crimp connection, 150 V, 10 A, 0.14 mm2 ... 2.5 mm2, Application: Signal

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 For HEAVYCON housing type B6 to B48, HC-M-B...MF-... hinged module carrier frame required, CK1,6-ED... crimp contacts, crimp contacts not supplied as standard.
General Connectors may be operated only when there is no load/voltage.
General The use of guide pins (HC-CST) and sockets (HC-CBU) is recommended to prevent tip collision due to misalignment.
MountingAssembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Product propertiesProduct type Modular contact insert
Number of positions 42
Connection profile 42
Contact numbering 1 - 42
Application Signal
Number of module slots 2
No. of power contacts 0
No. of control contacts 42

Contact material type turned
Series HC-M-42
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Connection dataConnection 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)
DimensionsDimensional drawing
Width 33.9 mm
Height 33 mm
Length 29.3 mm
Mechanical characteristics
Contact diameter 1.6 mm
Electrical propertiesRated voltage (III/3) 150 V
Rated surge voltage 2.5 kV
Rated current 10 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 500
Material specificationsFlammability rating according to UL 94 V0
Contact material Copper alloy
Contact surface material Ag (alte...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-M-42-CT-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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