INDUSTRIAL COMPONENT DATA

HC-M-12-CT-F 1414355 PHOENIX CONTACT Module inserts contacts, Number of poles: 12, Type of contact: Socket, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-M-12-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-M-12-CT-F
Catalog number	1414355
Category	Contact insert for rectangular connectors
Minimum order	5 Pcs
Document ID	EO-253BE962BA
Generated	2026-11-19

Product Overview

Module inserts contacts, Number of poles: 12, Type of contact: Socket, connection technology: Connection set, Tension sizing: 250 V, Current, sizing: 10, connection Section:0.14 mm2 ... 2.5 mm2, Application: Signal
Contact insert module, number of poles: 12, power contacts: 0, control contacts: 12, Female, Crimped connection, 250 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.
MountingAssembly note To ensure correct use, installation in housing with IP54 protection or better is required
Product propertiesProduct type Modular contact insert
Series HC-M-12
Application Signal
Number of positions 12
Connection profile 12
Contact numbering 1 - 12
Number of module slots 1
No. of power contacts 0

No. of control contacts 12
Contact material type turned
rolled
Data management status
Article revision 02
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 34.2 mm
Height 34 mm
Length 14.6 mm
Mechanical characteristics
Minimum housing height 52 mm
Contact diameter 1.6 mm
Electrical propertiesRated voltage (III/3) 250 V
Rated surge voltage 4 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 (alternatively Au)
Contact carrier material PC
Standards/...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-M-12-CT-F with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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