INDUSTRIAL COMPONENT DATA

HC-M-25-CT-F 1414375 PHOENIX CONTACT Contact insert module

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-M-25-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-M-25-CT-F
Catalog number	1414375
Category	Contact insert for rectangular connectors
Minimum order	5 Pcs
Document ID	EO-20DFDD084E
Generated	2026-11-18

Product Overview

Contact insert module
Contact insert module, number of poles: 25, power contacts: 0, control contacts: 25, Female, Crimped connection, 30 V, 4 A, 0.08 mm² ... 0.5 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

Key Commercial Data
Orderkey 1414375
Packing unit 5 pc
Minimum order quantity 5 pc
Catalog page Page 575 (C-2-2017)
GTIN 4055626025285
Weight per Piece (excluding packing) 8.740 g
Custom tariff number 85389099
Country of origin PL (Poland)
Dimensions
Height 30.65 mm
Width 34.2 mm
Length 14.6 mm

Electrical characteristics
Rated voltage (III/3) 50 V
Rated current 4 A
Rated surge voltage 0.8 kV
Connection profile 25
Ambient conditions
Ambient temperature (operation) -40 °C ... 125 °C
Mechanical characteristics
Conductor cross section 0.08 mm² ... 0.5 mm²
Connection cross section AWG 28 ... 20
Stripping length of the individual wire 4.2 mm
External cable diameter 2.2 mm
Contact diameter 1 mm
Insertion/withdrawal cycles >= 500
Minimum housing height 52 mm
General
Note For HEAVYCON housing type B6 to B48, snap in frames necessary, crimp contacts VS-...CD-1,0... (Crimp contacts not included in scope of supply)
Series HC-M-25
Color light gray
Number of module slots 1
Connection method Crimp connection
Contact type turned
Flammability rating according to UL 94 V0
Degree of pollution 3
Overvoltage category III
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Material data
Contact material Copper alloy
Contact surface material Au
Contact carrier material PC
Standards and Regulations
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-M-25-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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