INDUSTRIAL COMPONENT DATA

HC-M-01-AT-M-40 1417381 PHOENIX CONTACT Contact insert module

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-M-01-AT-M-40



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-M-01-AT-M-40
Catalog number	1417381
Category	Contact insert for rectangular connectors
Minimum order	2 Pcs
Document ID	EO-0275CDBBD6
Generated	2026-11-19

Product Overview

Contact insert module
Contact insert module, number of poles: 1, power contacts: 1, control contacts: 0, Male, Axial screw connection, 1000 V, 200 A, 6 mm² ... 70 mm², application: Power

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 1417381
Packing unit 2 pc
Minimum order quantity 2 pc
Catalog page Page 563 (C-2-2017)
GTIN 4055626112626
Weight per Piece (excluding packing) 63.800 g
Custom tariff number 85366990
Country of origin PL (Poland)
Dimensions
Height 54.5 mm
Width 34.2 mm
Length 29.4 mm

Electrical characteristics
Rated voltage (III/3) 1000 V
Rated current 200 A
Rated surge voltage 8 kV
Connection profile 1
Ambient conditions
Ambient temperature (operation) -40 °C ... 125 °C
Mechanical characteristics
Conductor cross section 25 mm² ... 70 mm² (The cross section specification refers to the geometric cross section of the cable used)
Connection cross section AWG 10 ...
Stripping length of the individual wire 16 mm
Tightening torque 8 Nm (25 mm² ... 35 mm²)
9 Nm (50 mm²)
10 Nm (70 mm²)
Contact diameter 9.5 mm
Wire diameter including insulation 12 mm (25 mm²)
16 mm (40 mm²)
Hexagonal socket WAF 5
Insertion/withdrawal cycles >= 500
Minimum housing height 72 mm
General
Note For HEAVYCON HC-B6 to B48 housing (housing height: min. 72 mm), HC-M-B..-MF-... module carrier frame required, axial connection for 5 mm Allen key
The axial screw connection must be established using a 5 mm Allen key (for stranded conductors only)
Series HC-M-HS
Color light gray
Number of module slots 2
Connection method Axial screw connection
Contact type turned
Flammability rating according to UL 94 V0
Degree of pollution 3
Overvoltage category III
Assembly instructions To ensure correct use, installatio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-M-01-AT-M-40 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.