INDUSTRIAL COMPONENT DATA

HC-M-02-AT-M-10 1417389 PHOENIX CONTACT Contact insert module

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-M-02-AT-M-10



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-M-02-AT-M-10
Catalog number	1417389
Category	Contact insert for rectangular connectors
Minimum order	2 Pcs
Document ID	EO-86B141163E
Generated	2026-11-19

Product Overview

Contact insert module
Contact insert module, number of poles: 2, power contacts: 2, control contacts: 0, Male, Axial screw connection, 690 V, 40 A, 2.5 mm² ... 10 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 1417389
Packing unit 2 pc
Minimum order quantity 2 pc
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GTIN 4055626112695
Weight per Piece (excluding packing) 26.150 g
Custom tariff number 85366990
Country of origin PL (Poland)
Dimensions
Height 34.7 mm
Width 34.2 mm
Length 14.6 mm

Electrical characteristics
Rated voltage (III/3) 1000 V
Rated current 40 A
Rated surge voltage 8 kV
Connection profile 2
Ambient conditions
Ambient temperature (operation) -40 °C ... 125 °C
Mechanical characteristics
Conductor cross section 2.5 mm² ... 10 mm² (The cross section specification refers to the geometric cross section of the cable used)
Connection cross section AWG 12 ... 10
Stripping length of the individual wire 5 mm +1 (2.5 mm² ... 4 mm²)
8 mm +1 (4 mm²)
11 mm +1 (10 mm²)
Tightening torque 1.5 Nm (2.5 mm² ... 4 mm²)
2 Nm (6 -8 mm²)
Contact diameter 4 mm
Insertion/withdrawal cycles >= 500
General
Note For HEAVYCON HC-B6 to B48 housing, snap-in module frame required, axial connection for 2 mm Allen key
The axial screw connection must be established using a 2 mm Allen key (for stranded conductors only)
Series HC-M-02
Color light gray
Number of module slots 1
Connection method Axial screw connection
Connection in acc. with standard IEC / EN
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
Connection Note re...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-M-02-AT-M-10 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES
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