

INDUSTRIAL COMPONENT DATA

HC-M-02-AT-M-16 1417297 PHOENIX CONTACT Module inserts contacts HEAVYCON male, 2 poles up to 70 A, connectio..

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-M-02-AT-M-16



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-M-02-AT-M-16
Catalog number	1417297
Category	Contact insert for rectangular connectors
Minimum order	2 Pcs
Document ID	EO-CB55DEF286
Generated	2026-08-04

Product Overview

Module inserts contacts HEAVYCON male, 2 poles up to 70 A, connection by screw, axial 16 mm2
Contact insert module, number of poles: 2, power contacts: 2, control contacts: 0, Male, Axial screw connection, 690 V, 70 A, 4 mm² ... 25 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

ETIM for 1417297 Connectors (EC000438)

Feature Name

Feature Value

Number of power contacts (EF012216)

2

Number of control contacts (EF012217)

0

Contact insert without contacts (EF007324)

No

Contact type (EF001587)

Pin

Number of poles (EF001391)

2

Diameter plug-in contact (EF007320)

6 mm

Rated current I_n (EF008250)

70 A

Ambient temperature (EF002386)

125 °C

Operating temperature (EF002393)

-40 °C

Rated voltage (EF000228)

690 V

Rated surge voltage (EF002993)

6 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

3

Type of electric connection (EF003961)

Axial screw connection

With wire protection (EF000550)

No

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

4 mm²

Connectable conductor cross section multi-wired (EF007343)

4 mm²

Material of contact surface (EF004020)

Silver

Material of contact insert (EF008521)

Other

Material contact (EF007544)

Copper

Inflammability class of insulation material according to UL94 (EF002521)

V0

With protective conductor (EF007468)

No

Min. number of insertion cycles (EF012212)

500

Width (EF000008)

14.6 mm

Height (EF000040)

33.85 mm

Depth (EF000049)

45.45 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-M-02-AT-M-16 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

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.