INDUSTRIAL COMPONENT DATA

HC-M-06-PT-F 1424224 PHOENIX CONTACT Contact insert module, number of positions: 6, power contacts: 6, contr..

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-M-06-PT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-M-06-PT-F
Catalog number	1424224
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-7A90BB15CD
Generated	2026-11-19

Product Overview

Contact insert module, number of positions: 6, power contacts: 6, control contacts: 0, Socket, Push-in connection, 500 V, 16 A, 0.5 mm² ... 2.5 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 1424224
Packing unit 1 pc
Catalog page Page 577 (C-2-2019)
GTIN 4055626369556
Weight per Piece (excluding packing) 20.000 g
Custom tariff number 85366990
Country of origin CN (China)
Drawings
Electrical characteristics
Mechanical characteristics
Material data
Environmental Product Compliance
Dimensions

Ambient conditions
General
Standards and Regulations
Classifications
Drawings
Diagram
Derating diagram for flexible conductors
Diagram
Derating diagram for flexible conductors with ferrule
Dimensional drawing
Dimensional drawing
Schematic diagram
Connector pin assignment, connection side
Back to topDimensions
Height 39 mm
Width 34.1 mm
Length 14.6 mm
Back to topElectrical characteristics
Rated voltage (III/3) 500 V
Rated current 16 A (power contacts)
Rated surge voltage 6 kV
Connection profile 6
Back to topAmbient conditions
Ambient temperature (operation) -40 °C ... 125 °C
Back to topMechanical characteristics
Conductor cross section 0.5 mm² ... 2.5 mm² (with ferrule)
Connection cross section AWG 20 ... 14 (with ferrule)
Stripping length of the individual wire 10 mm
Contact diameter 2.5 mm
Insertion/withdrawal cycles >= 500
Back to topGeneral
Note For HEAVYCON housing type B6 to B48, HC-M-B...MF-... hinged module carrier frame required.
Connectors may be operated only when there is no load/voltage.
Series HC-M-06
Number of module slots 1
Connection method Push-in connection
Contact type turned
Flammability rating according to UL 94 V0
Degree of pol...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-M-06-PT-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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