INDUSTRIAL COMPONENT DATA

HC-B16-I-TPT-M-32 1423825 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B16-I-TPT-M-32



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B16-I-TPT-M-32
Catalog number	1423825
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-52B5CC731E
Generated	2026-11-18

Product Overview

Contact insert
Contact insert, number of poles: 16+PE, size: B16, number of connections per pole: 2, Male, Push-in connection, 500 V, 16 A, 0.25 mm² ... 1.5 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 1423825
Packing unit 1 pc
Catalog page Page 539 (C-2-2017)
GTIN 4055626356235
Weight per Piece (excluding packing) 76.920 g
Custom tariff number 85366990
Country of origin CN (China)
General
Note For solid conductors or stranded conductors with ferrules
Connectors may be operated only when there is no load/voltage.
Connection method Push-in connection
Number of connections per position 2

Degree of pollution 3
Overvoltage category III
Number of positions 16+PE
Insertion/withdrawal cycles 500
Size B16
Contact numbering 17 - 32
Conductor cross section 0.25 mm² ... 1.5 mm² (with ferrule)
Connection cross section AWG 24 ... 16 (with ferrule)
Stripping length of the individual wire 8 mm ±1 mm
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Connection Connectors may only be actuated when there is no load/voltage.
Ambient conditions
Ambient temperature (operation) -40 °C ... 125 °C
Material data
Contact material Copper alloy
Contact surface material Ag
Contact carrier material PC
Electrical characteristics
Rated voltage (III/3) 500 V
Rated surge voltage 6 kV
Rated current 10 A
Standards and Regulations
Constructional and testing regulations DIN EN 61984
DIN EN 60664
IEC 60352
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's decla...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B16-I-TPT-M-32 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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