INDUSTRIAL COMPONENT DATA

HC-B06-I-TPT-M 1423015 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B06-I-TPT-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B06-I-TPT-M
Catalog number	1423015
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-0AF665F0FD
Generated	2026-11-18

Product Overview

Contact insert
Contact insert, number of poles: 6+PE, size: B6, 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 1423015
Packing unit 1 pc
Catalog page Page 535 (C-2-2017)
GTIN 4055626322582
Weight per Piece (excluding packing) 46.500 g
Custom tariff number 85366990
Country of origin CN (China)
General
Note for housing HC-B 6
Connectors may be operated only when there is no load/voltage.
For solid conductors or stranded conductors with ferrules
Connection method Push-in connection
Number of connections per position 2

Degree of pollution 3
Overvoltage category III
Number of positions 6+PE
Insertion/withdrawal cycles >= 500
Size B6
Contact numbering 1 - 6
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
Standards/regulations PC: Fire protection in rail vehicles - requirement sets R22 and R23 acc. to DIN EN 45545-2 (Risk level HL1 - HL2)
PC: Fire protection in rail vehicles - requirement set R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
Electrical characteristics
Rated voltage (III/3) 500 V
Rated surge voltage 6 kV
Rated current 10 A
Standards and Regulations
Constructional and testing regulatio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B06-I-TPT-M 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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