

INDUSTRIAL COMPONENT DATA

HC-B24-I-TPT-M 1423021 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B24-I-TPT-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B24-I-TPT-M
Catalog number	1423021
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-17DBB7340E
Generated	2026-08-01

Product Overview

Contact insert

Contact insert, number of poles: 24+PE, size: B24, 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 1423021

Packing unit 1 pc

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GTIN 4055626322742

Weight per Piece (excluding packing) 100.900 g

Custom tariff number 85366990

Country of origin CN (China)

General

Note For HEAVYCON housing B24 and B48

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 24+PE

Insertion/withdrawal cycles ≥ 500

Size B24

Contact numbering 1 - 24

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 "Downloa..."

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B24-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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