

## INDUSTRIAL COMPONENT DATA

# HC-B24-I-TPT-M-48 1423827 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B24-I-TPT-M-48



|                 |                                           |
|-----------------|-------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                           |
| MPN / Reference | HC-B24-I-TPT-M-48                         |
| Catalog number  | 1423827                                   |
| Category        | Contact insert for rectangular connectors |
| Minimum order   | 1 Pcs                                     |
| Document ID     | EO-4E52F46FBC                             |
| Generated       | 2026-08-04                                |

## Product Overview

Contact insert

Contact insert, number of poles: 24+PE, size: B24, power contacts: 24, control contacts: 0, number of connections per pole: 2, Male, Push-in connection, 500 V, 16 A, 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>, 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 1423827

Packing unit 1 pc

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GTIN 4055626356259

Weight per Piece (excluding packing) 100.900 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 24+PE  
No. of power contacts 24  
No. of control contacts 0  
Insertion/withdrawal cycles 500  
Size B24  
Contact numbering 25 - 48  
Conductor cross section 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup> (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 g...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B24-I-TPT-M-48 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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