INDUSTRIAL COMPONENT DATA

# HC-B 24-I-UT-M-48 1584936 PHOENIX CONTACT Contact insert

**Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 24-I-UT-M-48**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | HC-B 24-I-UT-M-48 |
| Catalog number | 1584936 |
| Category | Contact insert for rectangular connectors |
| Minimum order | 1 Pcs |
| Document ID | EO-4659AC2B61 |
| Generated | 2026-11-19 |

## Product Overview

Contact insert
Contact insert, number of poles: 24+PE, size: B24, Male, Screw connection, 500 V, 16 A, 0.5 mm² ... 2.5 mm²

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial plug-in connectors/interfaces |

## Additional Product Information

Key Commercial Data
Orderkey 1584936
Packing unit 1 pc
Catalog page Page 541 (C-2-2017)
GTIN 4046356156141
Weight per Piece (excluding packing) 111.500 g
Custom tariff number 85366990
Country of origin CN (China)
General
Note For HEAVYCON-ADVANCE of B24 type and HEAVYCON housing of B24/B48 type Plug-in connections may only be operated only when there is no load/voltage.
Connectors may be operated only when there is no load/voltage.
Connection method Screw connection
Tightening torque 0.5 Nm ... 0.8 Nm

Screwdriver blade 0.5 x 3.5 mm
Degree of pollution 3
Overvoltage category III
Number of positions 24+PE
Insertion/withdrawal cycles >= 500
Size B24
Contact numbering 25 - 48
Conductor cross section 0.5 mm² ... 2.5 mm² (applies to stranded conductors with ferrules)
Connection cross section AWG 20 ... 14
Stripping length of the individual wire 8 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 (including heating up of contacts)
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 20 A
Standards and Regulations
Connection in acc. with standard CSA
Constructional and testing regulations DIN EN 61984
DIN EN 60664
IEC 60352
Flammability rati...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B 24-I-UT-M-48 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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