

INDUSTRIAL COMPONENT DATA

HC-BB46-I-PT-M 1014424 PHOENIX CONTACT Contact insert, number of positions: 46+PE, size: B24, power contacts..

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-BB46-I-PT-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-BB46-I-PT-M
Catalog number	1014424
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-B109141D54
Generated	2026-08-06

Product Overview

Contact insert, number of positions: 46+PE, size: B24, power contacts: 46, control contacts: 0, number of connections per position: 1, Pin, Push-in connection, 500 V, 16 A, 0.5 mm² ... 2.5 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 1014424

Packing unit 1 pc

Catalog page Page 553 (C-2-2019)

GTIN 4055626492988

Weight per Piece (excluding packing) 160.000 g

Custom tariff number 85366990

Country of origin CN (China)

General

Material data

Standards and Regulations

Classifications

Ambient conditions

Electrical characteristics

Environmental Product Compliance**General**

Note Connectors may be operated only when there is no load/voltage.

Connection method Push-in connection

Number of connections per position 1

Degree of pollution 3

Overvoltage category III

Number of positions 46+PE

No. of power contacts 46

No. of control contacts 0

Insertion/withdrawal cycles ≥ 500

Size B24

Contact numbering 1 - 46

Conductor cross section 0.5 mm² ... 2.5 mm² (with ferrule)

Connection cross section AWG 20 ... 14 (with ferrule)

Stripping length of the individual wire 10 mm

Minimum housing height 72 mm

Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required

[Back to top](#) **Ambient conditions**

Ambient temperature (operation) -40 °C ... 125 °C (including heating up of contacts)

[Back to top](#) **Material data**

Contact material Copper alloy

Contact surface material Ag

Contact carrier material PC

[Back to top](#) **Electrical characteristics**

Rated voltage (III/3) 500 V

Rated surge voltage 6 kV

Rated current 16 A (power contacts)

[Back to top](#) **Standards and Regulations**

Flammability rating according to UL 94 V0

[Back to top](#) **Environmental Product Compliance**

China RoHS Environmentall...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-BB46-I-PT-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.