

**INDUSTRIAL COMPONENT DATA**

# HC-BBB 64-EBUC 1409914 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-BBB 64-EBUC



|                 |                                           |
|-----------------|-------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                           |
| MPN / Reference | HC-BBB 64-EBUC                            |
| Catalog number  | 1409914                                   |
| Category        | Contact insert for rectangular connectors |
| Minimum order   | 1 Pcs                                     |
| Document ID     | EO-26B35FA620                             |
| Generated       | 2026-07-31                                |

## Product Overview

Contact insert

Contact insert, number of poles: 64+PE, size: B24, number of connections per pole: 1, Female, Crimped connection, 500 V, 16 A, 0.5 mm² ... 4 mm²

**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 &gt; Industrial plug-in connectors/interfaces

## Additional Product Information

Key Commercial Data

Orderkey 1409914

Packing unit 1 pc

Catalog page Page 549 (C-2-2017)

GTIN 4046356767224

Weight per Piece (excluding packing) 91.000 g

Custom tariff number 85366990

Country of origin CN (China)

General

Connection method Crimp connection

Degree of pollution 3

Overvoltage category III

Number of positions 64+PE

Insertion/withdrawal cycles &gt;= 500

Size B24

Contact numbering 1 - 64

Conductor cross section 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>

Connection cross section AWG 20 ... 12

Stripping length of the individual wire 7.5 mm

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

Connection Connectors may only be inserted when there is no load/the power is switched off. Crimp contacts removed using the removal tool (1662722)

Ambient conditions

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

Material data

Contact material Copper alloy

Contact surface material Ag (alternatively Au)

Contact carrier material PC

Electrical characteristics

Rated voltage (III/3) 500 V

Rated surge voltage 6 kV

Rated current 16 A

Standards and Regulations

Connection in acc. with standard UL

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.027140816eCl@ss 4.127140816eCl@ss 5.027143424eCl@ss 5.127261200eCl@ss 6.027261200eCl@ss 7.027440205eCl@ss 8.027440205...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-BBB 64-EBUC 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

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.