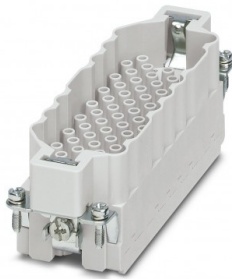


## INDUSTRIAL COMPONENT DATA

## HC-BBB 64-ESTC 1409901 PHOENIX CONTACT Contact insert

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



|                 |                                           |
|-----------------|-------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                           |
| MPN / Reference | HC-BBB 64-ESTC                            |
| Catalog number  | 1409901                                   |
| Category        | Contact insert for rectangular connectors |
| Minimum order   | 1 Pcs                                     |
| Document ID     | EO-F8BD031107                             |
| Generated       | 2026-08-04                                |

## Product Overview

Contact insert

Contact insert, number of poles: 64+PE, size: B24, number of connections per pole: 1, Male, Crimped connection, 500 V, 16 A, 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>

Contact insert, number of positions: 64+PE, size: B24, number of connections per position: 1, Pin, Crimp connection, 500 V, 16 A, 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification &amp; Catalog Path

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

## Additional Product Information

Technical dataNotesGeneral For HEAVYCON ADVANCE and HEAVYCON housing of B24 type, crimp contacts CK 2,5-ED (crimp contacts not included in the scope of supply).

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

MountingAssembly note To ensure correct use, installation in housing with IP54 protection or better is required

Product propertiesProduct type Contact insert with a fixed no. of positions

Series HC-BBB

Type B24

B48

Number of positions 64

Connection profile 64+PE

Contact numbering 1 - 64

Number of connections per position 1

Contact material type turned  
Data management status  
Article revision 01  
Insulation characteristics  
Overvoltage category III  
Degree of pollution 3  
DimensionsDimensional drawing  
Width 34 mm  
Height 36.4 mm  
Length 111 mm  
Drill hole distance, horizontal 104 mm  
Drill hole distance, vertical 27 mm  
Mechanical characteristics  
Minimum housing height 76 mm  
Contact diameter 2.5 mm  
Connection dataConnection technology  
Connection technology Crimp connection  
Number of connections per position 1  
Connection in acc. with standard IEC / EN  
Conductor connection  
Conductor cross section 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
Connection cross section AWG 20 ... 12  
Tightening torque 0.8 Nm ... 1.2 Nm (PE connection)  
0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)  
Stripping length of the individual wire 7.5 mm  
Electrical propertiesRated voltage (III/3) 500 V  
Rated surge voltage 6 kV  
Rated current 16 A  
Mechanical propertiesMechanical data  
Insertion/w...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-BBB 64-ESTC 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

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