

## INDUSTRIAL COMPONENT DATA

## HC-B 16-I-CT-F 1648283 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 16-I-CT-F



|                 |                                           |
|-----------------|-------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                           |
| MPN / Reference | HC-B 16-I-CT-F                            |
| Catalog number  | 1648283                                   |
| Category        | Contact insert for rectangular connectors |
| Minimum order   | 1 Pcs                                     |
| Document ID     | EO-564087FCF1                             |
| Generated       | 2026-08-05                                |

## Product Overview

Contact insert

Contact insert, number of poles: 16+PE, size: B16, number of connections per pole: 1, Female, Crimped connection, 500 V, 16 A, 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>, Application: Power

Contact insert, number of positions: 16+PE, size: B16, number of connections per position: 1, Socket, Crimp connection, 500 V, 16 A, 0.5 mm<sup>2</sup> ... 4 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 &amp; Catalog Path

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

## Additional Product Information

Technical dataNotesGeneral For HEAVYCON ADVANCE and HEAVYCON housing of B16 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

Remove the crimp contact using a screwdriver. The opening for the screwdriver is next to the opening where the conductor is inserted.

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

Series HC-B

Application Power

Type B16

B32

Number of positions 16

Connection profile 16+PE  
Contact numbering 1 - 16  
Number of connections per position 1  
Contact material type turned  
Data management status  
Article revision 12  
Insulation characteristics  
Overvoltage category III  
Degree of pollution 3  
DimensionsDimensional drawing  
Width 34 mm  
Height 34.6 mm  
Length 84 mm  
Drill hole distance, horizontal 77.5 mm  
Mechanical characteristics  
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 s...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B 16-I-CT-F 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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