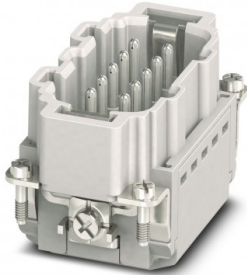


## INDUSTRIAL COMPONENT DATA

# HC-B10-I-PT-M 1407730 PHOENIX CONTACT HEAVYCON pin insert, B10 series, 10 + PE-pos., push-in connection

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B10-I-PT-M



|                 |                                           |
|-----------------|-------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                           |
| MPN / Reference | HC-B10-I-PT-M                             |
| Catalog number  | 1407730                                   |
| Category        | Contact insert for rectangular connectors |
| Minimum order   | 1 Pcs                                     |
| Document ID     | EO-3E01194A7B                             |
| Generated       | 2026-08-03                                |

## Product Overview

HEAVYCON pin insert, B10 series, 10 + PE-pos., push-in connection

Contact insert, number of poles: 10+PE, size: B10, number of connections per pole: 1, Male, Push-in connection, 500 V, 16 A, 0.14 mm<sup>2</sup> ... 2.5 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 & Catalog Path

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

## Additional Product Information

Technical dataNotesGeneral only use flexible conductors with ferrules

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-B

Application Power

Type B10

Number of positions 10

Connection profile 10+PE

Contact numbering 1 - 10

Number of connections per position 1

Contact material type rolled

Data management status

Article revision 09

Insulation characteristics

Overvoltage category III

Degree of pollution 3

DimensionsDimensional drawing

Width 34 mm

Height 34.4 mm

Length 64 mm

Drill hole distance, horizontal 57 mm

Drill hole distance, vertical 27 mm

Mechanical characteristics

Contact diameter 2.5 mm

Connection dataConnection technology

Connection technology Push-in connection

Number of connections per position 1

Connection in acc. with standard IEC / EN

Conductor connection

Conductor cross section 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Connection cross section AWG 26 ... 14

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 8 mm ... 10 mm

Electrical propertiesRated voltage (III/3) 500 V

Rated surge voltage 6 kV

Rated current 16 A (power contacts)

SCCR 5 kA (UL 2237)

Mechanical propertiesMechanical data

Insertion/withdrawal cycles >= 500

Material specificationsFlammability rating according to UL 9...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B10-I-PT-M 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.