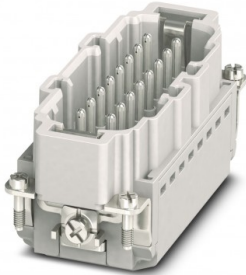


INDUSTRIAL COMPONENT DATA

HC-B16-I-PT-M 1407732 PHOENIX CONTACT HEAVYCON pin insert, B16 series, 16 + PE-pos., push-in connection

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B16-I-PT-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B16-I-PT-M
Catalog number	1407732
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-8893BAE758
Generated	2026-08-05

Product Overview

HEAVYCON pin insert, B16 series, 16 + PE-pos., push-in connection

Contact insert, number of poles: 16+PE, size: B16, number of connections per pole: 1, Male, Push-in connection, 500 V, 16 A, 0.14 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

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 B16

B32

Number of positions 16

Connection profile 16+PE

Contact numbering 1 - 16

Number of connections per position 1

Contact material type rolled

Data management status

Article revision 08

Insulation characteristics

Overvoltage category III

Degree of pollution 3

DimensionsDimensional drawing

Width 34 mm

Height 34.4 mm

Length 84 mm

Drill hole distance, horizontal 77.5 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

Conductor connection

Conductor cross section 0.14 mm² ... 2.5 mm²

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 94 V0

Contact material Copper alloy

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B16-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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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