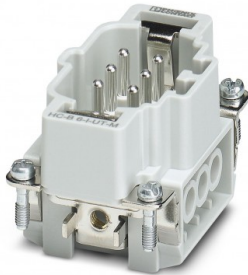


INDUSTRIAL COMPONENT DATA

HC-B 6-I-UT-M 1648115 PHOENIX CONTACT HEAVYCON male insert, B6 series, 6-pos., screw connection

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 6-I-UT-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B 6-I-UT-M
Catalog number	1648115
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-DE02772827
Generated	2026-08-04

Product Overview

HEAVYCON male insert, B6 series, 6-pos., screw connection

Contact insert, number of poles: 6+PE, size: B6, number of connections per pole: 1, Male, Screw connection, 500 V, 16 A, 0.5 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 for flexible conductors with or without 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 B6

Number of positions 6

Connection profile 6+PE

Contact numbering 1 - 6

Number of connections per position 1

Contact material type turned

Screwdriver blade 0.5 x 3.5 mm

Data management status

Article revision 18

Insulation characteristics

Overvoltage category III

Degree of pollution 3

DimensionsDimensional drawing

Width 34 mm

Height 32 mm

Length 50.5 mm

Drill hole distance, horizontal 44 mm

Drill hole distance, vertical 27 mm

Mechanical characteristics

Contact diameter 2.5 mm

Connection dataConnection technology

Connection technology Screw connection

Number of connections per position 1

Connection in acc. with standard IEC / EN

Conductor connection

Conductor cross section 0.5 mm² ... 2.5 mm²

Connection cross section AWG 20 ... 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)

0.5 Nm ... 0.8 Nm

Stripping length of the individual wire 8 mm

Electrical propertiesRated voltage (III/3) 500 V

Rated surge voltage 6 kV

Rated current 16 A

SCCR 5 kA (UL 2237)

Mechanical propertiesMechanical data

Insertion/withdrawal cycles >= 500

Material specifi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B 6-I-UT-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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