

INDUSTRIAL COMPONENT DATA

HC-B 16-EBUQ-2,5 1605572 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 16-EBUQ-2,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B 16-EBUQ-2,5
Catalog number	1605572
Category	Contact insert for rectangular connectors
Minimum order	10 Pcs
Document ID	EO-F17E9B7C2F
Generated	2026-08-01

Product Overview

Contact insert

Contact insert, number of poles: 16+PE, size: B16, number of connections per pole: 1, Female, QUICKON connection, 500 V, 16 A, 0.34 mm² ... 2.5 mm²

Contact insert, number of positions: 16+PE, size: B16, number of connections per position: 1, Socket, QUICKON connection, 500 V, 16 A, 0.34 mm² ... 2.5 mm²

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 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

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 06

Insulation characteristics

Overvoltage category III

Degree of pollution 3

DimensionsDimensional drawing

Width 34 mm

Height 37 mm

Length 84.5 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 QUICKON connection

Number of connections per position 1

Conductor connection

Conductor cross section 0.34 mm² ... 2.5 mm² (Litz wire structure VDE 0295, Class 1 - 5/litz wire diameter $\geq$ 0.2 mm)

Connection cross section AWG 22 ... 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)

Electrical propertiesRated voltage (III/3) 500 V

500 V

Rated surge voltage 6 kV

6 kV

Rated current 16 A

16 A

Mechanical propertiesMechanical data

Insertion/withdrawal cycles $\geq$ 500

Material specificationsMaterial Wire insulation PVC / PE

Flammability rating according to UL 94 V0

Contact material Copper alloy

Contact surface....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B 16-EBUQ-2,5 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 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.