INDUSTRIAL COMPONENT DATA

HC-B 10-EBUQ-2,5 1605569 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 10-EBUQ-2,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B 10-EBUQ-2,5
Catalog number	1605569
Category	Contact insert for rectangular connectors
Minimum order	10 Pcs
Document ID	EO-50B833D3CB
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 10+PE, size: B10, number of connections per pole: 1, Female, QUICKON connection, 500 V, 16 A, 0.34 mm² ... 2.5 mm²
Contact insert, number of positions: 10+PE, size: B10, 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 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 06
Insulation characteristics
Overvoltage category III
Degree of pollution 3
DimensionsDimensional drawing
Width 34 mm
Height 37 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 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 >= 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 >= 500
Material specificationsMaterial Wire insulation PVC / PE
Flammability rating according to UL 94 V0
Contact material Copper alloy
Contact surface material...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B 10-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.