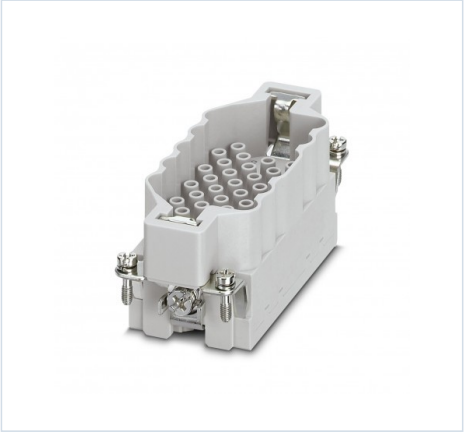
INDUSTRIAL COMPONENT DATA

HC-BBB 40-ESTC 1409921 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-BBB 40-ESTC



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-BBB 40-ESTC
Catalog number	1409921
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-C0BE1DF16C
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 40+PE, size: B16, number of connections per pole: 1, Male, Crimped connection, 500 V, 16 A, 0.5 mm² ... 4 mm²
Contact insert, number of positions: 40+PE, size: B16, number of connections per position: 1, Pin, Crimp connection, 500 V, 16 A, 0.5 mm2 ... 4 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 For HEAVYCON ADVANCE and HEAVYCON housing of B16 type, crimp contacts CK 2,5-ED (crimp contacts not included in the scope of supply).
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-BBB
Type B16
B32
Number of positions 40
Connection profile 40+PE
Contact numbering 1 - 40
Number of connections per position 1

Contact material type turned
Data management status
Article revision 01
Insulation characteristics
Overvoltage category III
Degree of pollution 3
DimensionsDimensional drawing
Width 34 mm
Height 34.4 mm
Length 84.5 mm
Drill hole distance, horizontal 77.5 mm
Drill hole distance, vertical 27 mm
Mechanical characteristics
Minimum housing height 76 mm
Contact diameter 2.5 mm
Connection dataConnection technology
Connection technology Crimp connection
Number of connections per position 1
Connection in acc. with standard IEC / EN
Conductor connection
Conductor cross section 0.5 mm² ... 4 mm²
Connection cross section AWG 20 ... 12
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 of the individual wire 7.5 mm
Electrical propertiesRated voltage (III/3) 500 V
Rated surge voltage 6 kV
Rated current 16 A
Mechanical propertiesMechanical data
Insertion...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-BBB 40-ESTC 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

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