INDUSTRIAL COMPONENT DATA

HC-B 6-EBUQ-2,5 1605556 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 6-EBUQ-2,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B 6-EBUQ-2,5
Catalog number	1605556
Category	Contact insert for rectangular connectors
Minimum order	10 Pcs
Document ID	EO-E61252D354
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 6+PE, size: B6, number of connections per pole: 1, Female, 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

Key Commercial Data
Orderkey 1605556
Packing unit 10 pc
Catalog page Page 535 (C-2-2017)
GTIN 4017918940645
Weight per Piece (excluding packing) 54.680 g
Custom tariff number 85366990
Country of origin PL (Poland)
General
Note For HEAVYCON ADVANCE and HEAVYCON housing of B6 type. Coding using the CP-HC (1686478) coding profile. HC-B6.../ HC-B10... for two coding profiles. HC-B16.../ HC-B24... for 4 coding profiles. Connectors may be operated only when there is no load/voltage.
Connectors may be operated only when there is no load/voltage.
Connection method QUICKON connection

Degree of pollution 3
Overvoltage category III
Number of positions 6+PE
Insertion/withdrawal cycles >= 500
Size B6
Contact numbering 1 - 6
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
Wire diameter including insulation 1 mm ... 3.5 mm
Frequency of connections between conductors of the same cross section 10
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Connection For HEAVYCON-ADVANCE and HEAVYCON housing of type B6. Encoding using coding profile CP-HC (1686478). HC-B6... / HC-B10... for two coding profiles. HC-B16... / HC-B24...for four coding profiles. Connectors may only be actuated when there is no load/voltage.
Ambient conditions
Ambient temperature (operation) -40 °C ... 125 °C (including heating up of contacts)
Ambient temper...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B 6-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

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