INDUSTRIAL COMPONENT DATA

HC-B 6-ESTQ-2,5 1605611 PHOENIX CONTACT Contact insert

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B 6-ESTQ-2,5
Catalog number	1605611
Category	Contact insert for rectangular connectors
Minimum order	10 Pcs
Document ID	EO-69BC5137B1
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 6+PE, size: B6, number of connections per pole: 1, Male, 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 1605611
Packing unit 10 pc
Catalog page Page 535 (C-2-2017)
GTIN 4017918940706
Weight per Piece (excluding packing) 53.240 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
Ambient conditions
Ambient temperature (operation) -40 °C ... 125 °C (including heating up of contacts)
Ambient temperature (assembly) -25 °C ... 50 °C
Material data
Contact material Copper alloy
Contact surface material Ag
Contact carrier material PA
Material wire insulation PVC / PE
Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22 and R23 acc. to DI...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B 6-ESTQ-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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