

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-58999AB906
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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.

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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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