INDUSTRIAL COMPONENT DATA

HC-K 6/36-EBUC 1636389 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-K 6/36-EBUC



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-K 6/36-EBUC
Catalog number	1636389
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-0B174FB975
Generated	2026-11-18

Product Overview

Contact insert
Contact insert, number of poles: 6+36+PE, size: B16, power contacts: 6, control contacts: 36, Female, Crimped connection, 690 V, 40 A, 1.5 mm² ... 6 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 1636389
Packing unit 1 pc
Catalog page Page 559 (C-2-2017)
GTIN 4046356011525
Weight per Piece (excluding packing) 74.000 g
Custom tariff number 85366990
Country of origin CN (China)
General
Note For HEAVYCON ADVANCE and HEAVYCON housing of type B16/B32, power contacts: CK 4,0-ED, control contacts: CK 1,6-ED (crimp contacts not supplied as standard)
Connection method Crimp connection (power contacts)
Crimp connection (control contacts)
Degree of pollution 3

Overvoltage category III
Number of positions 6+36+PE
No. of power contacts 6
No. of control contacts 36
Insertion/withdrawal cycles >= 500
Size B16
Contact numbering 1 - 6
Conductor cross section 1.5 mm² ... 6 mm² (power contacts)
0.14 mm² ... 2.5 mm² (control contacts)
Connection cross section AWG 16 ... 10 (power contacts)
26 ... 14 (control contacts)
Stripping length of the individual wire 9 mm (1,5 mm² ... 2,5 mm²)
8 mm (0.14 ... 1.5 mm²)
9.5 mm (4 mm² ... 6 mm²)
6 mm (2.5 mm²)
Wire diameter including insulation 5 mm
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
Material data
Contact material Cu alloy
Material of contact surface, power contact Ag
Material of contact surface, control contact Ag (alternatively Au)
Contact carrier material PC
Electrical characteristics
Rated voltage (III/3) 690 V (power contacts)
160 V (control contacts)
Rated surge voltage 8 k...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-K 6/36-EBUC 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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