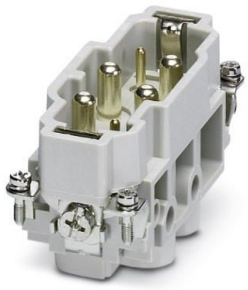
INDUSTRIAL COMPONENT DATA

HC-K 4/2-ESTS 1686889 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-K 4/2-ESTS



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-K 4/2-ESTS
Catalog number	1686889
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-C1B381F2B1
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 4+2+PE, size: B16, power contacts: 4, control contacts: 2, Male, Screw connection, 830 V, 80 A, 1.5 mm² ... 16 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 1686889
Packing unit 1 pc
GTIN 4017918924119
Weight per Piece (excluding packing) 122.200 g
Custom tariff number 85366990
Country of origin RO (Romania)
General
Note For HEAVYCON ADVANCE and HEAVYCON housing of type B16, with third-party logo on the product.
Connection method Screw connection (power contacts)
Screw connection (control contacts)
Tightening torque 3 Nm (Power contacts for cross sections of 2.5 mm² ... 16 mm²; (2 Nm for cross section 2.5 mm²))
0.5 Nm (control contacts)
1.2 Nm (Power contacts for cross section 1.5 mm²)

Screwdriver blade 0.8 x 4.5 mm (power contacts)
0.5 x 3.5 mm (control contacts)
Degree of pollution 3
Overvoltage category III
Number of positions 4+2+PE
No. of power contacts 4
No. of control contacts 2
Insertion/withdrawal cycles >= 500
Size B16
Contact numbering 1 - 4
Conductor cross section 1.5 mm² ... 16 mm² (power contacts)
0.5 mm² ... 2.5 mm² (control contacts)
Connection cross section AWG 16 ... 6 (power contacts)
20 ... 14 (control contacts)
Stripping length of the individual wire 14 mm (Power circuit)
7.5 mm (Control circuit)
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Connection Use wire end protection (screw connections do not have wire protection)
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 cont...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-K 4/2-ESTS 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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