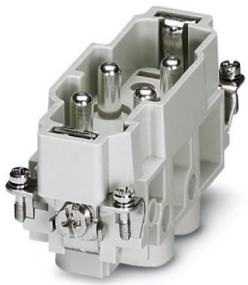
INDUSTRIAL COMPONENT DATA

HC-K 4/0-ESTS 1679414 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-K 4/0-ESTS



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-K 4/0-ESTS
Catalog number	1679414
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-B5B546D9AB
Generated	2026-11-18

Product Overview

Contact insert
Contact insert, number of poles: 4+PE, size: B16, power contacts: 4, control contacts: 0, 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 1679414
Packing unit 1 pc
Catalog page Page 557 (C-2-2017)
GTIN 4017918168858
Weight per Piece (excluding packing) 115.800 g
Custom tariff number 85366990
Country of origin CN (China)
General
Note For HEAVYCON-ADVANCE housings of B16 type and HEAVYCON housings of B16 and B32 types
Connection method Screw connection (power contacts)
Tightening torque 3 Nm (4.0 mm² ... 16 mm²)
2 Nm (2.5 mm²)
1.2 Nm (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+PE
No. of power contacts 4
No. of control contacts 0
Insertion/withdrawal cycles >= 500
Size B16
Contact numbering 1 - 4
Conductor cross section 1.5 mm² ... 16 mm²
Connection cross section AWG 16 ... 6
Stripping length of the individual wire 14 mm
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
Contact surface material Ag
Material of contact surface, power contact Ag
Contact carrier material PC
Electrical characteristics
Rated voltage (III/3) 830 V (power contacts)
Rated surge voltage 8 kV (power contacts)
Rated current 80 A (power contacts)
Standards and Regulations
Connection in acc. with standard CSA
Flammability rating according to UL 94 V0
Env...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-K 4/0-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.