INDUSTRIAL COMPONENT DATA

HC-K 6/0-ESTS 1580538 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-K 6/0-ESTS



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-K 6/0-ESTS
Catalog number	1580538
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-6042120517
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 6+PE, size: B16, power contacts: 6, control contacts: 0, Male, Screw connection, 1000 V, 80 A, 6 mm² ... 16 mm², Application: Power

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 1580538
Packing unit 10 pc
Catalog page Page 555 (C-2-2017)
GTIN 4046356463348
Weight per Piece (excluding packing) 151.400 g
Custom tariff number 85366990
Country of origin DE (Germany)
General
Note For HEAVYCON ADVANCE and HEAVYCON housing type B16/B32; screw head shape of connection screws: Allen screws, wrench size 3 mm.
Connection method Screw connection (Without wire protection)
Tightening torque 1.8 Nm
Degree of pollution 3

Overvoltage category III
Number of positions 6+PE
No. of power contacts 6
No. of control contacts 0
Insertion/withdrawal cycles >= 500
Size B16
Contact numbering 1 - 6
Conductor cross section 6 mm² ... 16 mm² (without ferrule)
2.5 mm² ... 16 mm² (with ferrule)
Connection cross section AWG 10 ... 6
Stripping length of the individual wire 15 mm
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Connection For housing type B16.
Ambient conditions
Ambient temperature (operation) -40 °C ... 125 °C (including heating up of contacts)
Material data
Contact material Copper alloy
Contact surface material Ag
Material of contact surface, power contact Ag
Contact carrier material PA
Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22 and R23 acc. to DIN EN 45545-2 (Risk level HL1 - HL2)
PA: Fire protection in rail vehicles - requirement set R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
Electrical characteristics
Rated voltage (III/3) 1000 V...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-K 6/0-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

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