INDUSTRIAL COMPONENT DATA

HC-K 6/ 6 ESTS 1636392 PHOENIX CONTACT Contact insert

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-K 6/ 6 ESTS
Catalog number	1636392
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-AC2B1DE50F
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 6+6+PE, size: B24, power contacts: 6, control contacts: 6, Male, Axial screw connection, 690 V, 100 A, 16 mm² ... 35 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 1636392
Packing unit 1 pc
Minimum order quantity 20 pc
GTIN 4046356180313
Weight per Piece (excluding packing) 284.200 g
Custom tariff number 85366990
Country of origin DE (Germany)
General
Note For HEAVYCON ADVANCE and HEAVYCON housing of type B24, with third-party logo
Connection method Axial screw connection (power contacts)
Screw connection (control contacts)
Tightening torque 6 Nm (Power contacts for 16 mm²)
7 Nm (Power contacts for 25 mm²)

0.8 Nm (control contacts)
8 Nm (Power contacts for 35 mm²)
Degree of pollution 3
Overvoltage category III
Number of positions 6+6+PE
No. of power contacts 6
No. of control contacts 6
Insertion/withdrawal cycles >= 500
Size B24
Contact numbering 1 - 6
Conductor cross section 16 mm² ... 35 mm² (power contacts)
0.2 mm² ... 2.5 mm² (control contacts)
Connection cross section AWG 5 ... 2 (power contacts)
24 ... 13 (control contacts)
Stripping length of the individual wire 13 mm ±1 mm (Power)
7.5 mm (Signal)
Wire diameter including insulation 11.4 mm (max., power contacts)
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
Contact carrier material PC
Electrical characteristics
Rated voltage (III/3) 690 V (power contacts)
400 V (control contacts)
Rated s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-K 6/ 6 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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