

## 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-A88AEB6DC5                             |
| Generated       | 2026-08-04                                |

## 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 mm<sup>2</sup> ... 35 mm<sup>2</sup>

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification &amp; Catalog Path

Catalog path PHOENIX CONTACT &gt; 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 mm<sup>2</sup>)7 Nm (Power contacts for 25 mm<sup>2</sup>)

0.8 Nm (control contacts)  
8 Nm (Power contacts for 35 mm<sup>2</sup>)  
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 mm<sup>2</sup> ... 35 mm<sup>2</sup> (power contacts)  
0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup> (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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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