

## INDUSTRIAL COMPONENT DATA

## HC-K 6/36-ESTC 1636376 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-K 6/36-ESTC



|                 |                                           |
|-----------------|-------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                           |
| MPN / Reference | HC-K 6/36-ESTC                            |
| Catalog number  | 1636376                                   |
| Category        | Contact insert for rectangular connectors |
| Minimum order   | 1 Pcs                                     |
| Document ID     | EO-EC0A72CC6F                             |
| Generated       | 2026-08-01                                |

## Product Overview

Contact insert

Contact insert, number of poles: 6+36+PE, size: B16, power contacts: 6, control contacts: 36, Male, Crimped connection, 690 V, 40 A, 1.5 mm<sup>2</sup> ... 6 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 > Industrial plug-in connectors/interfaces |
|--------------|------------------------------------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 1636376

Packing unit 1 pc

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GTIN 4046356011518

Weight per Piece (excluding packing) 65.600 g

Custom tariff number 85366990

Country of origin CN (China)

General

Note For HEAVYCON ADVANCE and HEAVYCON housing of type B16/B32, power contacts: CK 4,0-ED, control contacts:

CK 1,6-ED (crimp contacts not supplied as standard)

Connection method Crimp connection (power contacts)

Crimp connection (control contacts)

Degree of pollution 3

Overvoltage category III

Number of positions 6+36+PE

No. of power contacts 6

No. of control contacts 36

Insertion/withdrawal cycles  $\geq 500$

Size B16

Contact numbering 1 - 6

Conductor cross section 1.5 mm<sup>2</sup> ... 6 mm<sup>2</sup> (power contacts)

0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup> (control contacts)

Connection cross section AWG 16 ... 10 (power contacts)

26 ... 14 (control contacts)

Stripping length of the individual wire 9 mm (Power contacts, with a cross section of 1.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>)

8 mm (Control contacts, with a cross section of 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>)

9.5 mm (power contacts, with a cross section of 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>)

6 mm (Control contacts, with a cross section of 2.5 mm<sup>2</sup>)

Wire diameter including insulation 5 mm

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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-K 6/36-ESTC 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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