

## INDUSTRIAL COMPONENT DATA

## HC-K 6/0-EBUS 1580537 PHOENIX CONTACT Contact insert

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



|                 |                                           |
|-----------------|-------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                           |
| MPN / Reference | HC-K 6/0-EBUS                             |
| Catalog number  | 1580537                                   |
| Category        | Contact insert for rectangular connectors |
| Minimum order   | 1 Pcs                                     |
| Document ID     | EO-CBBAB3F17A                             |
| Generated       | 2026-08-05                                |

## Product Overview

Contact insert

Contact insert, number of poles: 6+PE, size: B16, power contacts: 6, control contacts: 0, Female, Screw connection, 1000 V, 80 A, 6 mm<sup>2</sup> ... 16 mm<sup>2</sup>, Application: Power

## 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 1580537

Packing unit 10 pc

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GTIN 4046356463331

Weight per Piece (excluding packing) 147.980 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  $\geq 500$

Size B16

Contact numbering 1 - 6

Conductor cross section 6 mm<sup>2</sup> ... 16 mm<sup>2</sup> (without ferrule)

2.5 mm<sup>2</sup> ... 16 mm<sup>2</sup> (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-EBUS 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

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