

**INDUSTRIAL COMPONENT DATA**

# HC-B 16-A-UT-PER-F 1648090 PHOENIX CONTACT Terminal adapter

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 16-A-UT-PER-F



|                 |                                           |
|-----------------|-------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                           |
| MPN / Reference | HC-B 16-A-UT-PER-F                        |
| Catalog number  | 1648090                                   |
| Category        | Contact insert for rectangular connectors |
| Minimum order   | 5 Pcs                                     |
| Document ID     | EO-49C0A799F1                             |
| Generated       | 2026-08-01                                |

## Product Overview

Terminal adapter

HEAVYCON terminal adapter with female insert, B16 series, 16 poles, for the right side of the control cabinet, screw connection

**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 1648090

Packing unit 5 pc

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GTIN 4017918969738

Weight per Piece (excluding packing) 30.000 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Drill hole distance, horizontal 77.5 mm

Height 74.2 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 125 °C

**Electrical characteristics**

Number of positions 16

Connection in acc. with standard IEC / EN

Rated voltage (III/3) 500 V

Rated surge voltage 6 kV

Rated current 16 A

**Mechanical characteristics**

Type B16

Screw thread M3

Connection method Screw connection

Tightening torque 0.5 Nm ... 0.8 Nm

Stripping length of the individual wire 12 mm

Conductor cross section 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Connection cross section AWG 20 ... 14

**General**

Note For HEAVYCON-ADVANCE mounting flange and HEAVYCON panel mounting base of B16 type

Connectors may be operated only when there is no load/voltage.

Contact material Copper alloy

Contact surface material 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)

Degree of pollution 3

Overvoltage category III

Flammability rating according to UL 94 V0

Connection in acc. with standard IEC / EN

Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required

Installa...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**Send PHOENIX CONTACT / HC-B 16-A-UT-PER-F 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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