

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	2026-08-02

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

Catalog page Page 545 (C-2-2017)

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 mm² ... 2.5 mm²

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 REVIEWSend PHOENIX CONTACT / HC-B 16-A-UT-PER-F 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.