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-6F2B374119
Generated	2026-11-18

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 REVIEW

Send 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.