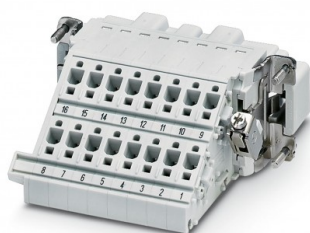


INDUSTRIAL COMPONENT DATA

HC-B 16-A-DT-PEL-M 1648445 PHOENIX CONTACT Terminal adapter

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 16-A-DT-PEL-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B 16-A-DT-PEL-M
Catalog number	1648445
Category	Contact insert for rectangular connectors
Minimum order	5 Pcs
Document ID	EO-597D794E96
Generated	2026-08-04

Product Overview

Terminal adapter

HEAVYCON terminal block adapter with plug insert, B16 series, 16 poles, for the left side of the control cabinet, push-in 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 1648445

Packing unit 5 pc

Catalog page Page 543 (C-2-2017)

GTIN 4046356092166

Weight per Piece (excluding packing) 133.890 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Drill hole distance, horizontal 77.5 mm

Height 70.5 mm

Ambient conditions

Degree of protection (IP) IP20

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

Electrical characteristics

Number of positions 16

Rated voltage (III/3) 500 V

Rated surge voltage 6 kV

Rated current 16 A

Mechanical characteristics

Type B16

Connection method Push-in connection

Stripping length of the individual wire 10 mm (13 mm if ferrules are used)

Conductor cross section 0.5 mm² ... 2.5 mm²

Connection cross section AWG 22 ... 12

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

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

Installation instructions Connectors may be plugged in only when there is no load...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B 16-A-DT-PEL-M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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