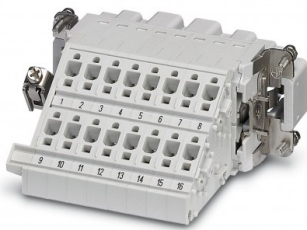


INDUSTRIAL COMPONENT DATA

HC-B 16-A-DT-PER-M 1648461 PHOENIX CONTACT Terminal adapter

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B 16-A-DT-PER-M
Catalog number	1648461
Category	Contact insert for rectangular connectors
Minimum order	5 Pcs
Document ID	EO-9E0B7F4BFA
Generated	2026-07-27

Product Overview

Terminal adapter

HEAVYCON terminal block adapter with plug insert, B16 series, 16 poles, for the right 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
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Additional Product Information

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

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

Product propertiesProduct type Terminal adapter

Product family HC-B

Series HC-B

Type B16

Number of positions 16

Connection profile 16+PE

Contact numbering 1 - 16

Type for the right side of the control cabinet

Data management status

Article revision 10

Insulation characteristics

Overvoltage category III

Degree of pollution 3

Electrical properties Rated voltage (III/3) 500 V

Rated surge voltage 6 kV

Rated current 16 A

SCCR 5 kA (UL 2237)

Connection data Connection technology

Connection technology Push-in connection

Conductor connection

Conductor cross section 0.5 mm² ... 2.5 mm²

Connection cross section AWG 22 ... 12

Stripping length of the individual wire 10 mm (13 mm with ferrule)

Dimensions Dimensional drawing

Width 34 mm

Height 70.5 mm

Length 84 mm

Drill hole distance, horizontal 77.5 mm

Drill hole distance, vertical 27 mm

Material specifications Flammability rating according to UL 94 V0

Contact material Copper alloy

Contact surface material Ag

Contact carrier material PA

Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Cable/line Stripping length of the individual wire 10 mm (13 mm with ferrule)

Mechanical properties Mechanical data

Insertion/withdrawal cycles ≥ 500

Environmental and real-life conditions Ambien...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

GLOBAL OFFICES

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