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**



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|---|---|
| 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-F4CDEA7017 |
| Generated | 2026-11-18 |

## 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

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|---|---|
| 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**

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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