INDUSTRIAL COMPONENT DATA

# HC-B 10-A-DT-PER-M 1648429 PHOENIX CONTACT Terminal adapter

**Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 10-A-DT-PER-M**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | HC-B 10-A-DT-PER-M |
| Catalog number | 1648429 |
| Category | Contact insert for rectangular connectors |
| Minimum order | 5 Pcs |
| Document ID | EO-3105504169 |
| Generated | 2026-11-18 |

## Product Overview

Terminal adapter
HEAVYCON terminal block adapter with plug insert, B10 series, 10 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

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial plug-in connectors/interfaces |

## Additional Product Information

Technical dataNotesGeneral For HEAVYCON-ADVANCE mounting flange and HEAVYCON panel mounting base of B10 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 B10
Number of positions 10
Connection profile 10+PE
Contact numbering 1 - 10
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 propertiesRated voltage (III/3) 500 V
Rated surge voltage 6 kV
Rated current 16 A
SCCR 5 kA (UL 2237)
Connection dataConnection 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)
DimensionsDimensional drawing
Width 34 mm
Height 70.5 mm
Length 64 mm
Drill hole distance, horizontal 57 mm
Drill hole distance, vertical 27 mm
Material specificationsFlammability 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/lineStripping length of the individual wire 10 mm (13 mm with ferrule)
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 500
Environmental and real-life conditionsAmbient....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B 10-A-DT-PER-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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