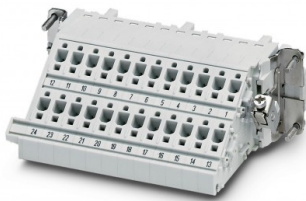


**INDUSTRIAL COMPONENT DATA**

# HC-B 24-A-DT-PEL-F 1648474 PHOENIX CONTACT Terminal adapter

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 24-A-DT-PEL-F



|                 |                                           |
|-----------------|-------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                           |
| MPN / Reference | HC-B 24-A-DT-PEL-F                        |
| Catalog number  | 1648474                                   |
| Category        | Contact insert for rectangular connectors |
| Minimum order   | 1 Pcs                                     |
| Document ID     | EO-C38A931060                             |
| Generated       | 2026-08-03                                |

## Product Overview

Terminal adapter

HEAVYCON terminal adapter with female insert, B24 series, 24 poles, for the left side of the control cabinet, push-in connection

HEAVYCON Terminal Adapter Socket Insert, Series B24, 24-pin, 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 &gt; Industrial plug-in connectors/interfaces

## Additional Product Information

Key Commercial Data

Orderkey 1648474

Packing unit 5 pc

Catalog page Page 543 (C-2-2017)

GTIN 4046356092197

Weight per Piece (excluding packing) 172.200 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Drill hole distance, horizontal 104 mm

Height 72.1 mm

Ambient conditions

Degree of protection (IP) IP20

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

Electrical characteristics

Number of positions 24

Rated voltage (III/3) 500 V

Rated surge voltage 6 kV

Rated current 16 A

Mechanical characteristics

Type B24

Connection method Push-in connection

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

Conductor cross section 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Connection cross section AWG 22 ... 12

General

Note For HEAVYCON-ADVANCE mounting flange and HEAVYCON panel mounting base of B24 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 24-A-DT-PEL-F with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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