

**INDUSTRIAL COMPONENT DATA**

# HC-DD108-I-CT-M 1584114 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-DD108-I-CT-M



|                 |                                           |
|-----------------|-------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                           |
| MPN / Reference | HC-DD108-I-CT-M                           |
| Catalog number  | 1584114                                   |
| Category        | Contact insert for rectangular connectors |
| Minimum order   | 1 Pcs                                     |
| Document ID     | EO-AC8C0D24BB                             |
| Generated       | 2026-08-02                                |

## Product Overview

Contact insert

Contact insert, number of poles: 108+PE, size: B24, number of connections per pole: 1, Male, Crimped connection, 250 V, 10 A, 0.14 mm² ... 2.5 mm², application: Signal

**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

Technical dataNotesGeneral For housing HC-B24

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

General It is imperative that guide pins (HC-CST) and sockets (HC-CBU) are used to prevent tip collision due to misalignment.

MountingAssembly note To ensure correct use, installation in housing with IP54 protection or better is required

Product propertiesProduct type Contact insert with a fixed no. of positions

Series HC-DD

Application Signal

Type B24

B48

Number of positions 108

Connection profile 108+PE

Contact numbering 1 - 108

Number of connections per position 1

Contact material type turned  
rolled

Data management status

Article revision 13

Insulation characteristics

Overvoltage category III

Degree of pollution 3

DimensionsDimensional drawing

Width 34 mm

Height 32.5 mm

Length 111 mm

Drill hole distance, horizontal 104 mm

Drill hole distance, vertical 27 mm

Mechanical characteristics

Minimum housing height 72 mm

Contact diameter 1.6 mm

Connection dataConnection technology

Connection technology Crimp connection

Number of connections per position 1

Connection in acc. with standard IEC / EN

Conductor connection

Conductor cross section 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Connection cross section AWG 26 ... 14

Tightening torque 0.8 Nm ... 1.2 Nm (PE connection)

0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)

Stripping length of the individual wire 8 mm (0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>)

6 mm (2.5 mm<sup>2</sup>)

Electrical propertiesRated voltage (III/3) 250 V

Rated surge vo...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-DD108-I-CT-M 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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