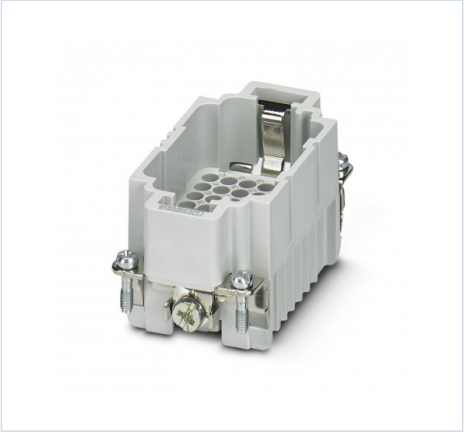
INDUSTRIAL COMPONENT DATA

HC-DD42-I-CT-M 1584059 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-DD42-I-CT-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-DD42-I-CT-M
Catalog number	1584059
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-C9B5663567
Generated	2026-11-18

Product Overview

Contact insert
Contact insert, number of poles: 42+PE, size: B10, 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 > Industrial plug-in connectors/interfaces

Additional Product Information

Technical dataNotesGeneral For housing HC-B10
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 B10
Number of positions 42
Connection profile 42+PE
Contact numbering 1 - 42
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 64 mm
Drill hole distance, horizontal 57 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 mm² ... 2.5 mm²
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 mm² ... 1.5 mm²)
6 mm (2.5 mm²)
Electrical propertiesRated voltage (III/3) 250 V
Rated surge voltage 4 k...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-DD42-I-CT-M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.