INDUSTRIAL COMPONENT DATA

HC-D 40-I-CT-F 1584428 PHOENIX CONTACT HEAVYCON female insert, D40 series, 40-pos., crimp connection

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-D 40-I-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-D 40-I-CT-F
Catalog number	1584428
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-5DDB701C2A
Generated	2026-11-18

Product Overview

HEAVYCON female insert, D40 series, 40-pos., crimp connection
Contact insert, number of poles: 40+PE, size: B16, number of connections per pole: 1, Female, Crimped connection, 250 V, 10 A, 0.14 mm² ... 2.5 mm², application: Signal
Contact insert, number of positions: 40+PE, size: B16, number of connections per position: 1, Socket, Crimp 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 HEAVYCON ADVANCE and HEAVYCON housing of type B16, crimp contacts: CK 1,6-ED... (not included in scope of supply)
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.
General This product replaces 1679537 HC-D 40-EBUC-R
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-D
Application Signal
Type B16

B32
Number of positions 40
Note number of positions 40+PE
Connection profile 40+PE
Number of connections per position 1
Contact material type turned
rolled
Data management status
Article revision 10
Insulation characteristics
Overvoltage category III
Degree of pollution 3
DimensionsDimensional drawing
Width 34 mm
Height 36 mm
Length 83 mm
Drill hole distance, horizontal 77.5 mm
Mechanical characteristics
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 .....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-D 40-I-CT-F 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

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.