

INDUSTRIAL COMPONENT DATA

HC-Q05-I-CT-M 1406538 PHOENIX CONTACT HEAVYCON plug insert, Q5 series, 5-pos., crimp connection

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-Q05-I-CT-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-Q05-I-CT-M
Catalog number	1406538
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-354502357C
Generated	2026-08-03

Product Overview

HEAVYCON plug insert, Q5 series, 5-pos., crimp connection

Contact insert, number of poles: 5+PE, size: D7, number of connections per pole: 1, Male, Crimped connection, 230 V/400 V, 20 A, 0.5 mm² ... 2.5 mm², Application: Power

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 HC-D7 housing, CK2,5-ED crimp contacts (crimp contacts not included in scope of supply)

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

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-Q

Application Power

Type D7

Number of positions 5

Connection profile 5+PE

Contact numbering 1 - 5

Number of connections per position 1

Contact material type turned

Data management status

Article revision 06

Insulation characteristics

Overvoltage category III

Degree of pollution 3

DimensionsDimensional drawing

Width 21 mm

Height 39.5 mm

Length 21 mm

Mechanical characteristics

Contact diameter 2.5 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 0.5 mm² ... 2.5 mm² (The cross section specification refers to the geometric cross section of the cable used)

Connection cross section AWG 20 ... 14

Connection cross section PE contact 0.5 mm² ... 2.5 mm²

Connection cross section PE contact AWG 20 ... 14

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

Stripping length of the individual wire 7.5 mm

Electrical propertiesRated voltage (III/3) 230 V (Conductor-PE)

400 V (Conductor-Conductor)

Rated voltage for power....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-Q05-I-CT-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

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.