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-E2509BE921
Generated	2026-11-19

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

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