

HC-Q 12-I-CT-M

Order No.: 1409422

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1409422>

HEAVYCON plug insert, Q12 series, 12-pos., crimp connection, with coding option.

Commercial data

EAN	4 046356 701761
sales group	D010
Pack	1 Pcs.
Customs tariff	85369085
Gross weight in pieces	KG
Net weight per piece	KG
Catalog page information	Page 409 (CAT-4-2013)

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Technical data

General data

Note	For D7 housing, CK1,6-ED crimp contacts (crimp contacts not supplied as standard)
Connection method	Crimp connection
Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
Pollution degree	3
Surge voltage category	III
Number of positions	12+PE

Insertion/withdrawal cycles	≥ 500
Design	D7
Conductor cross section	0.14 mm ² ... 2.5 mm ²
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm
	6 mm (2.5 mm ²)
Assembly instructions	Connectors may be operated only when there is no load/voltage.

Material data

Inflammability class according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

Electrical characteristics

Rated voltage (III/3)	400 V
Rated surge voltage	6 kV
Rated current	10 A

Certificates / Approvals

Certification

Certifications applied for:

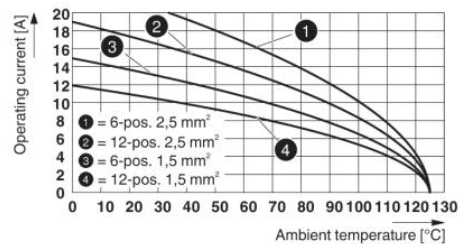
Certification Ex:

Accessories

Item	Designation	Description
General		
1409435	HC-Q 12-COD	Coding profile for Q12 series
1884869	VC-EW 1,6	Contact removal tool, for turned and rolled CK- 1.6-... contacts
Tools		
1687419	CRIMPFOX-1,6/2,5-ED-4,0	Crimping pliers, for turned contacts, CK 1.6 ED... and CK 2.5 ED...

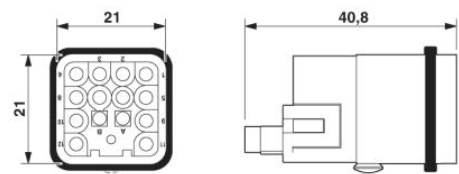
Drawings

Diagram



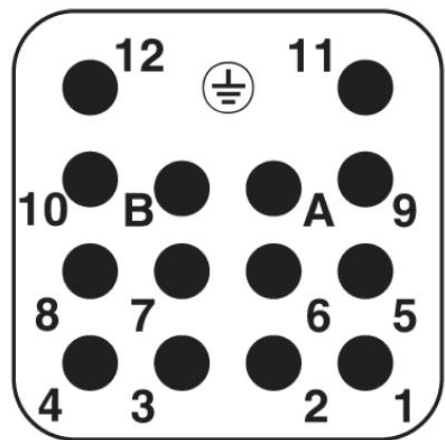
Derating diagram

Dimensioned drawing



Dimensional drawing: HC-Q 12-I-CT-M

Schematic diagram



Connector pin assignment, connection side

HC-Q 12-I-CT-M		HC-Q 12-I-CT-F	
A	B	B	A
▲	▲	▲	▲
▲	▲	▲	▲
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Coding scheme

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