

HC-Q 12-I-CT-F

Order No.: 1409419

<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1409419>

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

Commercial data

EAN	4 046356 701778
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)

<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

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:

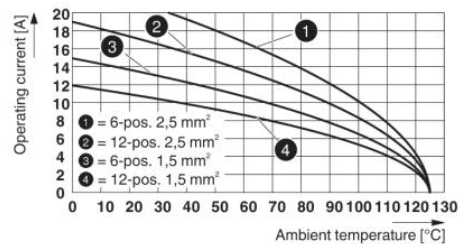
Certification Ex:

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...

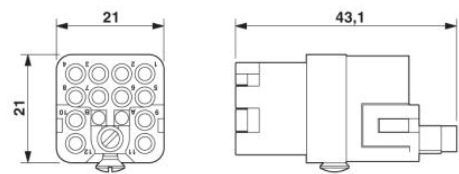
Drawings

Diagram



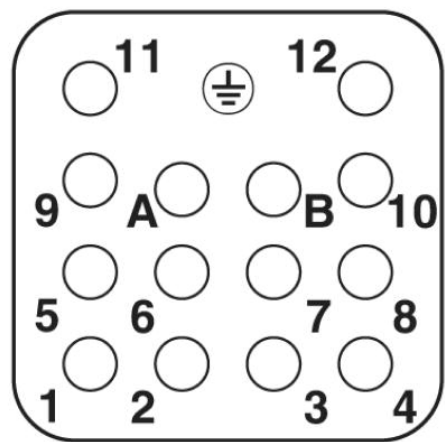
Derating diagram

Dimensioned drawing



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

Schematic diagram



Connector pin assignment, connection side

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

Coding scheme

Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



© 2012 Phoenix Contact
Technical modifications reserved;