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



#### **Product Features**

- Can be keyed in seconds thanks to plastic profiles
- 16 coding options without loss of contact space.
- For all D7 housing designs
- Cost-effective and saves space thanks to high number of contacts within a small surface area
- Contact insert including IP65 sealing screw



## Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	20.0 g
Custom tariff number	85369085
Country of origin	Italy

## Technical data

#### General

Note	For D7 housing, CK1,6-ED crimp contacts (crimp contacts not supplied as standard)
Connection method	Crimp connection
Degree of pollution	3
Overvoltage category	III
Number of positions	12+PE
Insertion/withdrawal cycles	≥ 500
Size	D7
Conductor cross section	0.14 mm <sup>2</sup> 2.5 mm <sup>2</sup>
Connection cross section AWG	26 14

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## Technical data

## General

Stripping length of the individual wire	8 mm
	6 mm (2.5 mm²)
Assembly instructions	Connectors may be operated only when there is no load/voltage.
Connection	Contact insert including IP65 sealing screw
Ambient conditions	

#### Ambient conditions

Ambient temperature (operation)	-40 °C 125 °C (including heating up of contacts)

#### Material data

Flammability rating according to UL 94	V0
Seal material	NBR
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

### Standards and Regulations

Flammability rating according to UL 94	V0

## Classifications

### eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

## ETIM

ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438



## Classifications

### UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

## Approvals

### Approvals

#### Approvals

EAC / GL

#### Ex Approvals

Approvals submitted

### Approval details

EAC

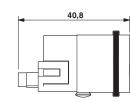
GL

## Drawings

Schematic diagram



Connector pin assignment, connection side

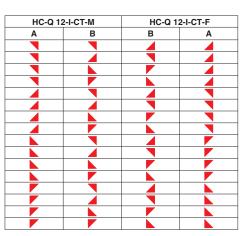


Dimensional drawing

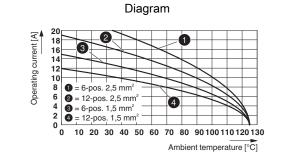
Dimensional drawing: HC-Q 12-I-CT-M

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#### Schematic diagram



Derating diagram

Coding scheme

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