

Contact insert - HC-Q 12-I-CT-F - 1409419

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HEAVYCON socket 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 ² ... 2.5 mm ²
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 mm ²)
Assembly instructions	Connectors may be operated only when there is no load/voltage.
Connection	Contact insert including IP65 sealing screw

Ambient conditions

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

Flammability rating 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

Standards and Regulations

Flammability rating according to UL 94	V0
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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

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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

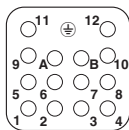
Approval details

EAC

GL

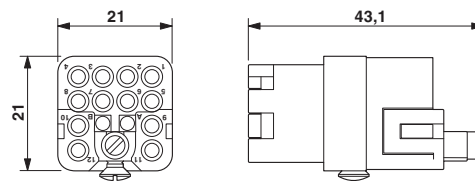
Drawings

Schematic diagram



Connector pin assignment, connection side

Dimensional drawing



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

