

Contact insert - HC-Q 12-I-CT-M - 1409422

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

Why buy this product

- ✔ 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



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 701761
Weight per Piece (excluding packing)	13.8 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
Pollution degree	3
Surge voltage category	III
Number of positions	12+PE
Insertion/withdrawal cycles	≥ 500
Type	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)

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Technical data

General

Assembly instructions	Connectors may be operated only when there is no load/voltage.
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Ambient conditions

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

Inflammability class 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

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

ETIM

ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

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

Approvals

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Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

Accessories

Accessories

Assembly tool

Contact removal tool - VC-EW 1,6 - 1884869



Contact removal tool, for turned and rolled CK- 1.6-... contacts

Coding element

Coding element - HC-Q 12-COD - 1409435



Coding profile for Q12 series

Crimp contact

Crimp contact - CK1,6-ED-0,37ST AG - 1663336



Turned 1.6 crimp contact, individual male contact, core diameter 0.14 to 0.37 mm², silver-plated

Contact insert - HC-Q 12-I-CT-M - 1409422

Accessories

Crimp contact - CK1,6-ED-0,50ST AG - 1663349



Turned 1.6 crimp contact, individual male contact, core diameter 0.5 mm², silver-plated

Crimp contact - CK1,6-ED-0,75ST AG - 1663352



Turned 1.6 crimp contact, individual male contact, core diameter 0.75 mm², silver-plated

Crimp contact - CK1,6-ED-1,00ST AG - 1663365



Turned 1.6 crimp contact, individual male contact, core diameter 0.75 to 1.00 mm², silver-plated

Crimp contact - CK1,6-ED-1,50ST AG - 1663378



Turned 1.6 crimp contact, individual male contact, core diameter 1.5 mm², silver-plated

Crimp contact - CK1,6-ED-2,50ST AG - 1663381



Turned 1.6 crimp contact, individual male contact, core diameter 2.5 mm², silver-plated

Contact insert - HC-Q 12-I-CT-M - 1409422

Accessories

Crimp contact - CK1,6-ED-0,37ST AU - 1674901



Turned 1.6 crimp contact, individual male contact, core diameter 0.14 to 0.37 mm², gold-plated

Crimp contact - CK1,6-ED-0,50ST AU - 1672453



Turned 1.6 crimp contact, individual male contact, core diameter 0.5 mm², gold-plated

Crimp contact - CK1,6-ED-0,75ST AU - 1674914



Turned 1.6 crimp contact, individual male contact, core diameter 0.75 mm², gold-plated

Crimp contact - CK1,6-ED-1,00ST AU - 1674888



Turned 1.6 crimp contact, individual male contact, core diameter 0.75 to 1.00 mm², gold-plated

Crimp contact - CK1,6-ED-1,50ST AU - 1674875



Turned 1.6 crimp contact, individual male contact, core diameter 1.5 mm², gold-plated

Contact insert - HC-Q 12-I-CT-M - 1409422

Accessories

Crimp contact - CK1,6-ED-2,50ST AU - 1674927



Turned 1.6 crimp contact, individual male contact, core diameter 2.5 mm², gold-plated

Crimping tool

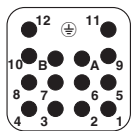
Crimping pliers - CRIMPFOX-1,6/2,5-ED-4,0 - 1687419



Crimping pliers, for turned contacts, CK 1.6 ED... and CK 2.5 ED...

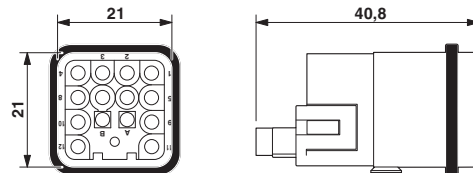
Drawings

Schematic diagram



Connector pin assignment, connection side

Dimensioned drawing



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

