

## Contact insert - HC-Q12-I-CT-M - 1418626

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Contact insert, Size: D7, Number of positions: 12+PE, Pin, Crimp connection, 400 V, 10 A, 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

### 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
- Contact insert including IP65 sealing screw

### Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4055626249391

### Technical data

#### General

Note	For HC-D7 housing, crimp contacts CK1,6-ED (crimp contacts not included in scope of supply)
Connection method	Crimp connection
	PE 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
Stripping length of the individual wire	8 mm

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## Technical data

### General

	6 mm (2.5 mm <sup>2</sup> )
Assembly instructions	Connectors may be operated only when there is no load/voltage.
Connection	Contact insert including IP67 sealing screw.

### Ambient conditions

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

Seal material	NBR
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

### Electrical characteristics

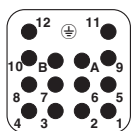
Rated voltage (III/3)	400 V
Rated surge voltage	6 kV
Rated current	10 A

### Standards and Regulations

Flammability rating according to UL 94	V0
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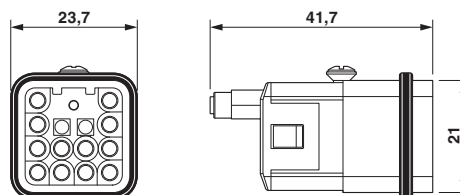
## Drawings

Schematic diagram



Pin assignment connection side. Position A and B for coding profiles

Dimensional drawing





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



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### Approvals

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E118976
mm <sup>2</sup> /AWG/kcmil		14	
Nominal current I <sub>N</sub>		15 A	
Nominal voltage U <sub>N</sub>		600 V	

EAC		EAC-Zulassung
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