

## Contact insert - HC-Q12-I-CT-F - 1418625

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Contact insert, Size: D7, Number of positions: 12+PE, Type of contact: Socket, Connection technology: Crimp connection, Rated voltage: 400 V, Rated current: 10 A, Connection cross section: 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	 4 055626 249384
GTIN	4055626249384
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85389099
Country of origin	China

### 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

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## Technical data

### General

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
	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

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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## Approvals

### Approvals

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Approvals

GL / CSA / UL Recognized / EAC

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Ex Approvals


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### Approval details


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## Approvals

GL		<a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a>	6196614 HH
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CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
mm <sup>2</sup> /AWG/kcmil		14	
Nominal current I <sub>N</sub>		12 A	
Nominal voltage U <sub>N</sub>		600 V	

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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