

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

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Contact insert, Size: D7, Number of positions: 12+PE, Type of contact: Pin, Connection technology: Crimp connection, Rated voltage: 400 V, Rated current: 10 A, Connection cross section: 0.14 mm² ... 2.5 mm²

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 249391
GTIN	4055626249391
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 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)
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
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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Approvals

Approvals

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GL / CSA / UL Recognized / EAC


Ex Approvals


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Approvals

Approval details

GL		http://exchange.dnv.com/tari/	6196614 HH
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CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
mm ² /AWG/kcmil	14		
Nominal current I _N	12 A		
Nominal voltage U _N	600 V		

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
mm ² /AWG/kcmil	14		
Nominal current I _N	15 A		
Nominal voltage U _N	600 V		

EAC		EAC-Zulassung	
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