

Contact insert - HC-Q07-I-CT-M - 1418624

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Contact insert, Size: D7, Number of positions: 7+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

- Contact insert including IP65 sealing screw

Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 249377
GTIN	4055626249377
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
Overvoltage category	III
Constructional and testing regulations	DIN VDE 0627/86 DIN VDE 0110/02.79 DIN VDE 0110-1/04.97

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Technical data

General

	IEC 60664-1, DIN IEC 60512
	IEC 60352
Number of positions	7+PE
Insertion/withdrawal cycles	≥ 500
Size	D7
Connection in acc. with standard	IEC / EN
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	Four different coding options to prevent mismatching.
	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

Connection in acc. with standard	IEC / EN
Constructional and testing regulations	DIN VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
	IEC 60352
Flammability rating according to UL 94	V0

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Approvals


Approvals


Approvals


GL / CSA / UL Recognized

Ex 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	13.5 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	17.5 A		
Nominal voltage U _N	600 V		