

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

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Contact insert, number of positions: 12+PE, size: D7, number of connections per position: 1, Socket, Crimp connection, 400 V, 10 A, 0.14 mm² ... 2.5 mm²

Your advantages

- ✔ 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 pc
GTIN	 4 055626 249384
GTIN	4055626249384

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
Number of connections per position	1
Degree of pollution	3
Overvoltage category	III
Number of positions	12+PE
Insertion/withdrawal cycles	≥ 500
Size	D7
Contact numbering	1 - 12
Conductor cross section	0.14 mm ² ... 2.5 mm ²

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Technical data

General

Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm
	6 mm (2.5 mm ²)
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
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

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

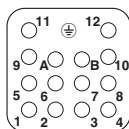
Flammability rating according to UL 94	V0
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

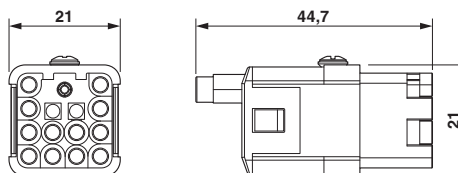
Drawings

Schematic diagram



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


Dimensional drawing




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

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Approvals

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

EAC		RU C- DE.AI30.B.01102
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