

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

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HEAVYCON male insert, D7 series, 7-pos. + PE, crimp connection with coding option

Why buy this product

- ✓ Contact insert including IP65 sealing screw

Key Commercial Data

Packing unit	1 STK
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
	Screw 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
	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 mm² ... 2.5 mm²

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

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	Connectors may be operated only when there is no load/voltage.
Connection	Four different coding possibilities to prevent incorrect plugging.

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

Drawings

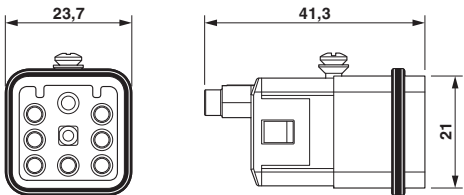
Contact insert - HC-Q07-I-CT-M - 1418624

Schematic diagram



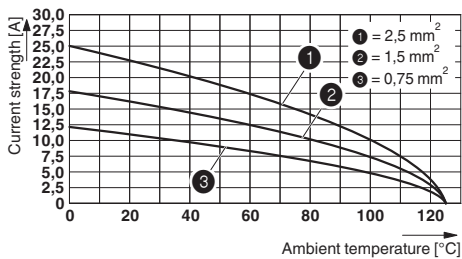
Connector pin assignment (connection side)

Dimensional drawing



Male insert (turned contacts)

Diagram



Derating diagram: HC-D...C series

Classifications

eCl@ss

eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 5.0	EC000438
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Approvals

Approvals

Approvals

GL

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

Approvals

Ex Approvals

Approval details

GL http://www.gl-group.com/newbuilding/approvals/index.html 6196614
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Accessories

Accessories

Coding element

Coding profile - HC-MOD-K-CP - 1408562



Coding profile for HC-MOD-K... housing

Crimp contact

Crimp contact - CK1,6-ED-0,37ST AG - 1663336



Turned 1.6 crimp contact, individual male contact, core diameter 0.14 to 0.37 mm², silver-plated

Crimp contact - CK1,6-ED-0,50ST AG - 1663349



Turned 1.6 crimp contact, individual male contact, core diameter 0.5 mm², silver-plated

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

Accessories

Crimp contact - CK1,6-ED-0,75ST AG - 1663352



Turned 1.6 crimp contact, individual male contact, core diameter 0.75 mm², silver-plated

Crimp contact - CK1,6-ED-1,00ST AG - 1663365



Turned 1.6 crimp contact, individual male contact, core diameter 0.75 to 1.00 mm², silver-plated

Crimp contact - CK1,6-ED-1,50ST AG - 1663378



Turned 1.6 crimp contact, individual male contact, core diameter 1.5 mm², silver-plated

Crimp contact - CK1,6-ED-2,50ST AG - 1663381



Turned 1.6 crimp contact, individual male contact, core diameter 2.5 mm², silver-plated

Crimp contact - CK1,6-ED-0,37ST AU - 1674901



Turned 1.6 crimp contact, individual male contact, core diameter 0.14 to 0.37 mm², gold-plated

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

Accessories

Crimp contact - CK1,6-ED-0,50ST AU - 1672453



Turned 1.6 crimp contact, individual male contact, core diameter 0.5 mm², gold-plated

Crimp contact - CK1,6-ED-0,75ST AU - 1674914



Turned 1.6 crimp contact, individual male contact, core diameter 0.75 mm², gold-plated

Crimp contact - CK1,6-ED-1,00ST AU - 1674888



Turned 1.6 crimp contact, individual male contact, core diameter 0.75 to 1.00 mm², gold-plated

Crimp contact - CK1,6-ED-1,50ST AU - 1674875



Turned 1.6 crimp contact, individual male contact, core diameter 1.5 mm², gold-plated

Crimp contact - CK1,6-ED-2,50ST AU - 1674927



Turned 1.6 crimp contact, individual male contact, core diameter 2.5 mm², gold-plated

Mounting material

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

Accessories

Sealing screw - HC-D 7-DS-IP65 - 1686229



Sealing screw, Size: Countersunk head