

Contact insert - HC-Q05-I-CT-M - 1406538

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HEAVYCON plug insert, Q5 series, 5-pos., crimp connection

Product Features



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	20.0 GRM
Custom tariff number	85366990
Country of origin	China

Technical data

General

Note	for HC-D7 housing, CK2,5-ED crimp contacts (crimp contacts not included in scope of supply)
Connection method	Crimp connection
Pollution degree	3
Surge voltage category	III
Number of positions	5+PE
Insertion/withdrawal cycles	≥ 500
Type	D7
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm ² ... 2.5 mm ²
Connection cross section AWG	20 ... 14
Stripping length of the individual wire	7.5 mm
Assembly instructions	Connectors may be operated only when there is no load/voltage.

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Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
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Material data

Inflammability class according to UL 94	V0
Seal material	NBR
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PA

Electrical characteristics

Rated voltage for power contacts	230/400 V
Rated voltage (III/3)	230 V (Conductor-PE)
	400 V (Conductor-Conductor)
Rated surge voltage	4 kV
Rated current	24 A

Classifications

eCl@ss

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

ETIM

ETIM 4.0	EC000438
ETIM 5.0	EC000438

Approvals

Approvals

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UL Recognized / EAC / CSA

Ex Approvals

Approvals submitted

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Approvals

Approval details

UL Recognized	
mm ² /AWG/kcmil	14
Nominal current I _N	24 A
Nominal voltage U _N	600 V

EAC

CSA	
mm ² /AWG/kcmil	14
Nominal current I _N	15 A
Nominal voltage U _N	600 V

Drawings

Diagram

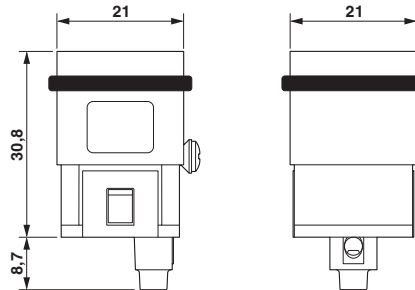
Derating
diagram:
Q
5
series

Schematic diagram



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Dimensional drawing



Male insert

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