

Contact insert - HC-HV03-I-CT-F - 1405261

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HEAVYCON socket insert, for 830 V (III/3), with 3 N/O contacts and 2 switch contacts, crimp connection

Product Features



Key commercial data

Packing unit	1 pc
Custom tariff number	85389099
Country of origin	China

Technical data

General

Note	For HC ADVANCE-B10, HC-HV 3 housings, crimp contacts CK 2,5-ED (crimp contacts not included in scope of supply)
Connection method	Crimp connection
Pollution degree	3
Surge voltage category	III
Number of positions	3+2+PE
No. of power contacts	3
No. of control contacts	2
Insertion/withdrawal cycles	≥ 500
Type	B10
Conductor cross section	0.5 mm ² ... 4 mm ² (power contacts)
	0.5 mm ² ... 4 mm ² (control contacts)
Connection cross section AWG	20 ... 12 (power contacts)
	20 ... 12 (control contacts)
Stripping length of the individual wire	7.5 mm (Power contact)

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	7.5 mm (control contact)
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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
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PA

Electrical characteristics

Rated voltage (III/3)	830 V (power contacts)
	500 V (control contacts)
Rated surge voltage	8 kV (power contacts)
	6 kV (control contacts)
Rated current	25 A (power contacts)
	16 A (control contacts)

Classifications

eCl@ss

eCl@ss 5.1	27143424
eCl@ss 6.0	27143424

ETIM

ETIM 5.0	EC000438
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Approvals

Approvals

Approvals

EAC

Ex Approvals

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Approvals

Approvals submitted

Approval details

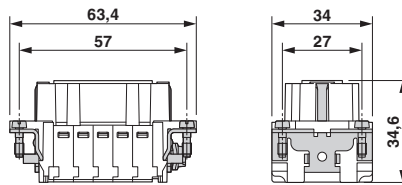
EAC

Drawings

Diagram

Dimensional drawing

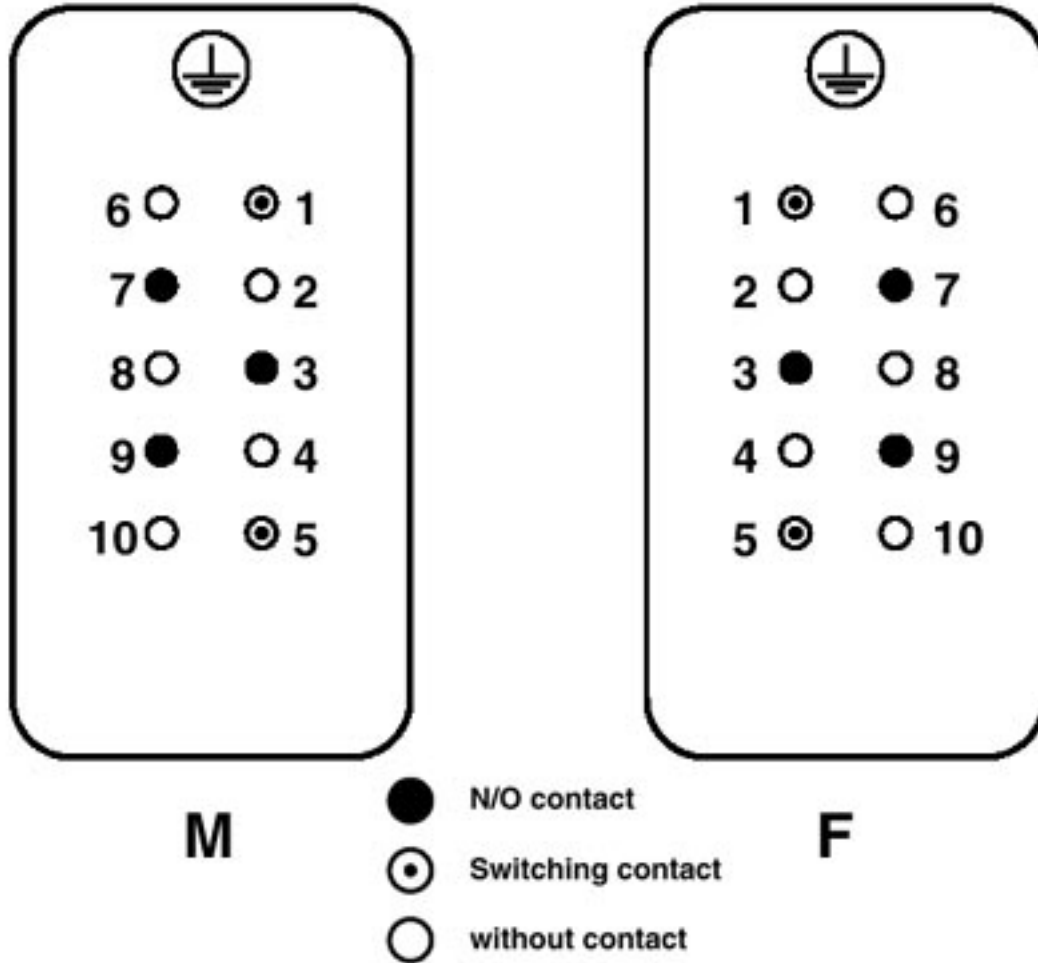
Derating diagram



Dimensional drawing

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Schematic diagram



View termination side