Contact insert - HC-HV06-I-CT-M - 1405262

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HEAVYCON pin insert, for 830 V (III/3), with 6 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-B16, HC-HV 6 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	6+2+PE
No. of power contacts	6
No. of control contacts	2
Insertion/withdrawal cycles	≥ 500
Type	B16
Conductor cross section	0.5 mm² ... 4 mm² (power contacts)
	0.5 mm² ... 4 mm² (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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General

	7.5 mm (control contact)

Ambient conditions

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

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

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Approvals

Approvals submitted

Approval details

EAC

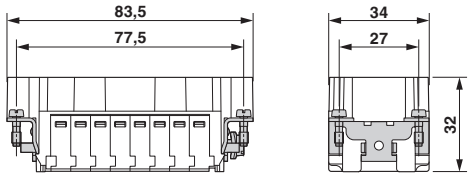
Drawings

Diagram

Derating diagram

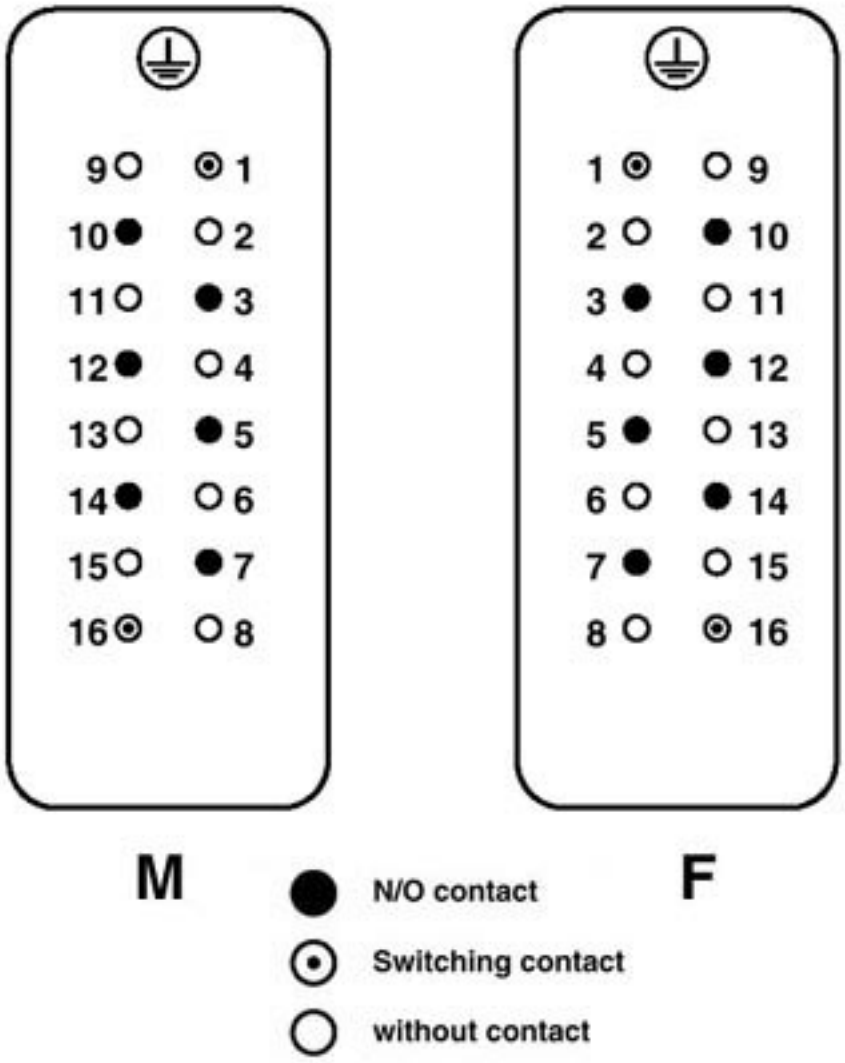
Dimensional drawing

Dimensional drawing



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Schematic diagram



View termination side

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