

Contact insert - HC-HV 16-ESTS - 1773433

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HEAVYCON male insert, for 690 V(III/3), with 16 N/O contacts and 2 switching contacts, screw connection

The illustration shows a combination of versions HC-HV -10-EBUC, -10-EBUS, -10-ESTC and -10-ESTS



Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 134365
Weight per Piece (excluding packing)	102.19 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	For HEAVYCON-ADVANCE housing of B24 type and HEAVYCON housing of HV10 type The switching contacts are 2 mm lagging.
Connection method	Screw connection
Tightening torque	0.5 Nm
Pollution degree	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	16+2+PE
Insertion/withdrawal cycles	≥ 500
Type	HV16

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Technical data

General

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 mm (N/O contacts; with ferrule inserts use inserts of 10 mm length.)
	7 mm (control contacts)
Assembly instructions	When using a ferrule, the wire protection in the terminal point must be removed and a 10 mm long ferrule must be used.

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
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA

Electrical characteristics

Rated voltage for power contacts	400/690 V
Rated voltage (III/3)	Power 400 V (Conductor-PE)
	250 V control contacts
	Power 690 V (Conductor-Conductor)
Rated surge voltage	6 kV (N/O contacts)
	4 kV (control contacts)
Rated current	16 A

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440205

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

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Classifications

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

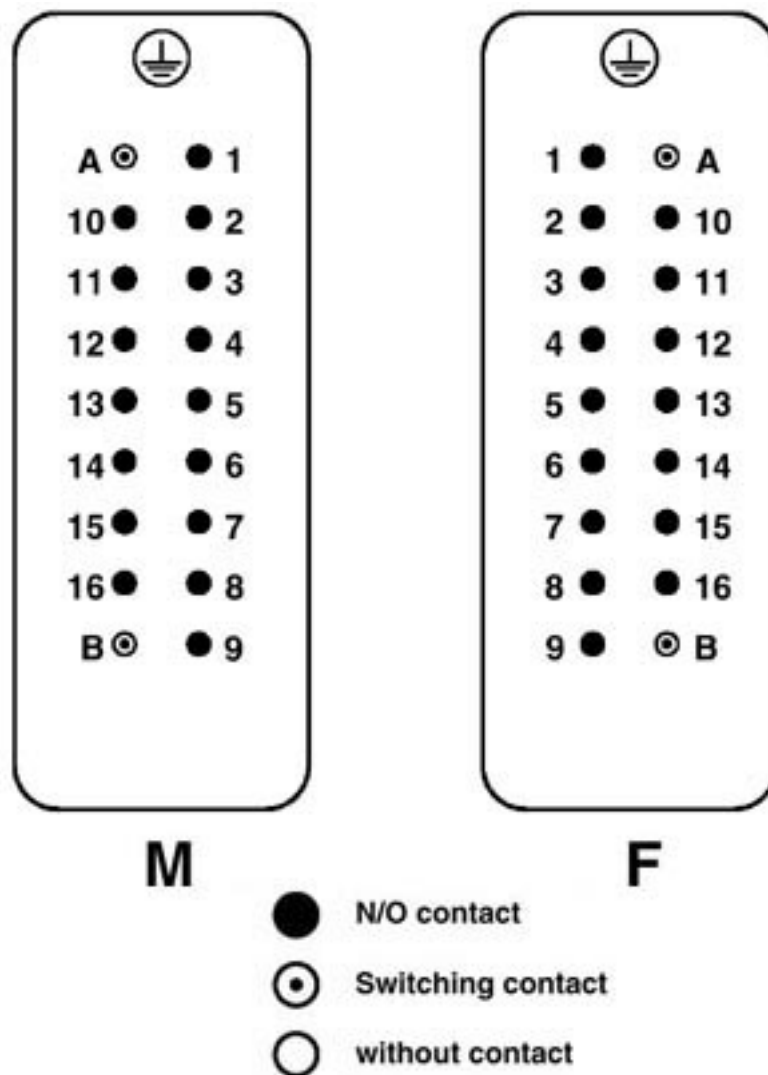
Approval details

EAC

Drawings

Contact insert - HC-HV 16-ESTS - 1773433

Schematic diagram



View termination side

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Diagram

