

## 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	1 pc
GTIN	 4 017918 134365
Weight per Piece (excluding packing)	117.0 GRM
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
Surge voltage 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

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## Technical data

### General

Number of positions	16+2+PE
Insertion/withdrawal cycles	≥ 500
Design	HV16
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
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

Inflammability class according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA

### Electrical characteristics

Rated voltage (III/3)	Power 400 V (Conductor-PE)
	(250 V control contacts)
Rated surge voltage	Power 690 V (Conductor-Conductor)
	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	27440209

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## Classifications

### ETIM

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

### UNSPSC

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

## Approvals

### Approvals

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Approvals

GOST

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Ex Approvals

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Approvals submitted

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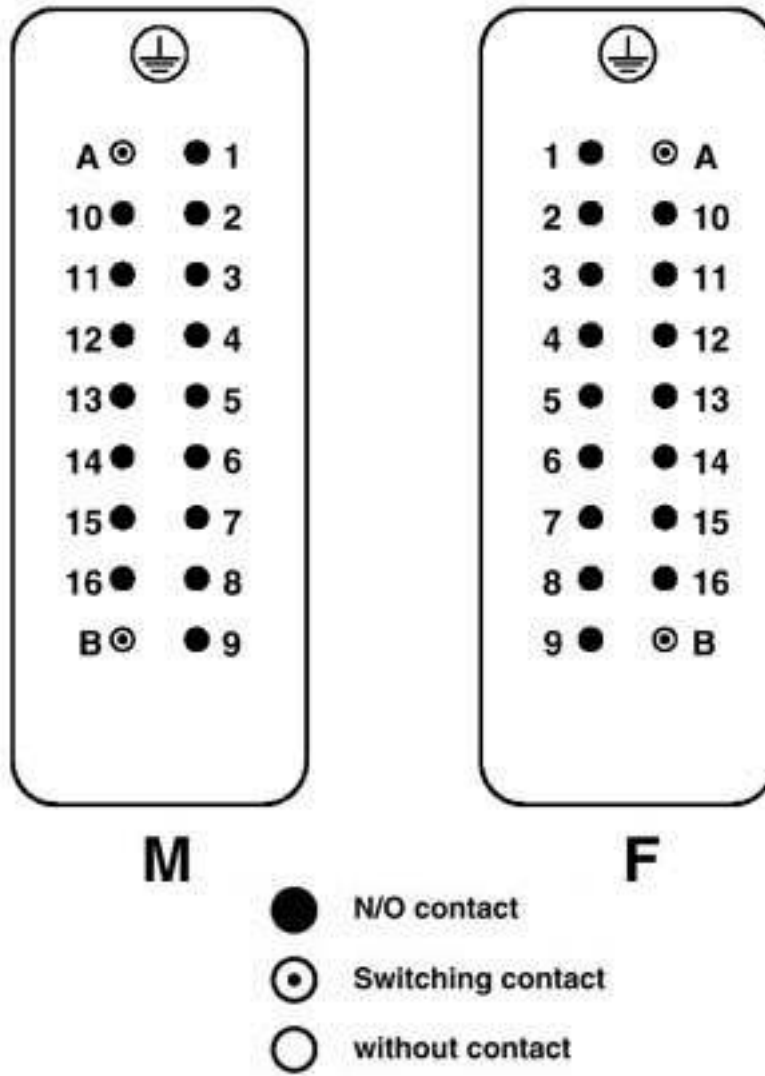
### Approval details

GOST 
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## Drawings

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Schematic diagram



View termination side

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Diagram

