

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 figure 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
GTIN	4017918134365

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
Degree of pollution	3
Overvoltage category	III
Number of positions	16+2+PE
Insertion/withdrawal cycles	≥ 500
Size	HV16
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)
Minimum housing height	98 mm
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.

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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

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)	400 V (Power contacts wire-ground)
	250 V control contacts
	690 V (Power contacts wire-ground)
Rated surge voltage	6 kV (N/O contacts)
	4 kV (control contacts)
Rated current	16 A

Standards and Regulations

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
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438

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Classifications

ETIM

ETIM 4.0	EC000438
ETIM 5.0	EC000438
ETIM 6.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522
UNSPSC 19.0	39121522

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