



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Contact insert - HC-HV10-I-CT-F - 1405265

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HEAVYCON socket insert, for 830 V (III/3), with 10 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 HEAVYCON-ADVANCE housing of B24 type and HEAVYCON housing of HV10 type, 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	10+2+PE
No. of power contacts	10
No. of control contacts	2
Insertion/withdrawal cycles	≥ 500
Type	B24
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)

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## Technical data

### General

Stripping length of the individual wire	7.5 mm (Power contact)
	7.5 mm (control contact)

### 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

## Contact insert - HC-HV10-I-CT-F - 1405265

### Approvals

Approvals submitted

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### Approval details

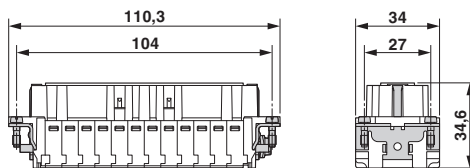
EAC
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### Drawings

Diagram

Dimensional drawing

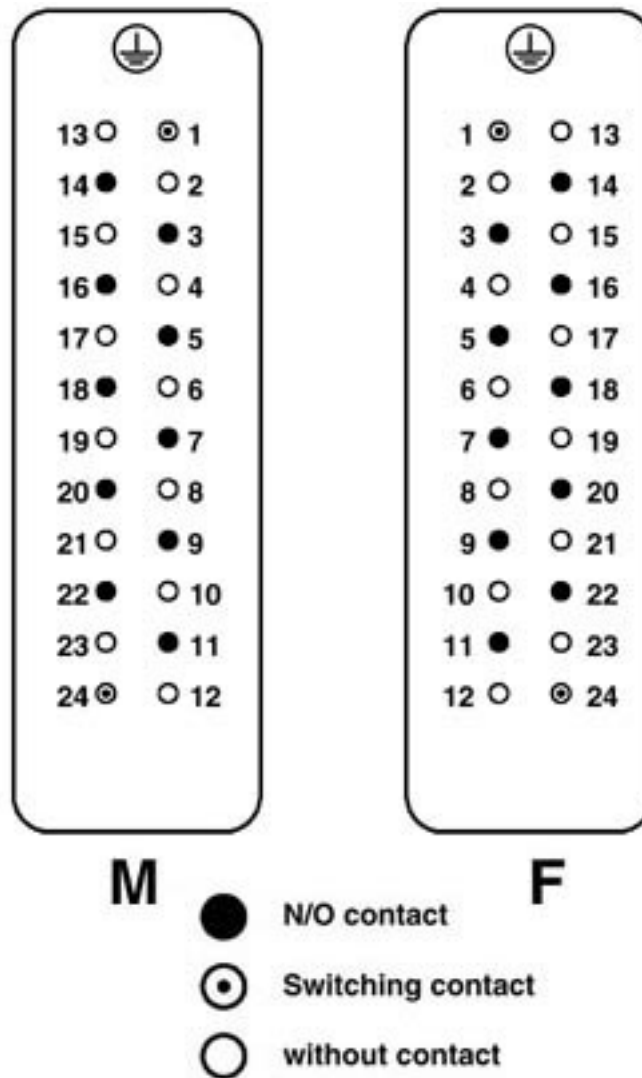
Derating  
diagram



Dimensional drawing

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Schematic diagram



View termination side