

# Contact insert - HC-D 25-ESTC - 1772418

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HEAVYCON male insert, D25 series, 25-pos., crimp connection



## Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4017918037086

## Technical data

### General

Note	For HC-D25 housing, crimp contacts CK1,6-ED (crimp contacts not included in scope of supply)
Connection method	Crimp connection
Degree of pollution	3
Overvoltage category	III
Number of positions	25+PE
Insertion/withdrawal cycles	≥ 500
Size	D25
Conductor cross section	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm
	6 mm (2.5 mm <sup>2</sup> )
Assembly instructions	Connectors may be operated only when there is no load/voltage.
Connection	- Use of HC-CST (1676857) coding pins and HC-CBU (1676860) coding sockets has been prescribed.

### Ambient conditions

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

### Material data

Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PA

### Electrical characteristics

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	10 A

### Standards and Regulations

Connection in acc. with standard	CSA
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

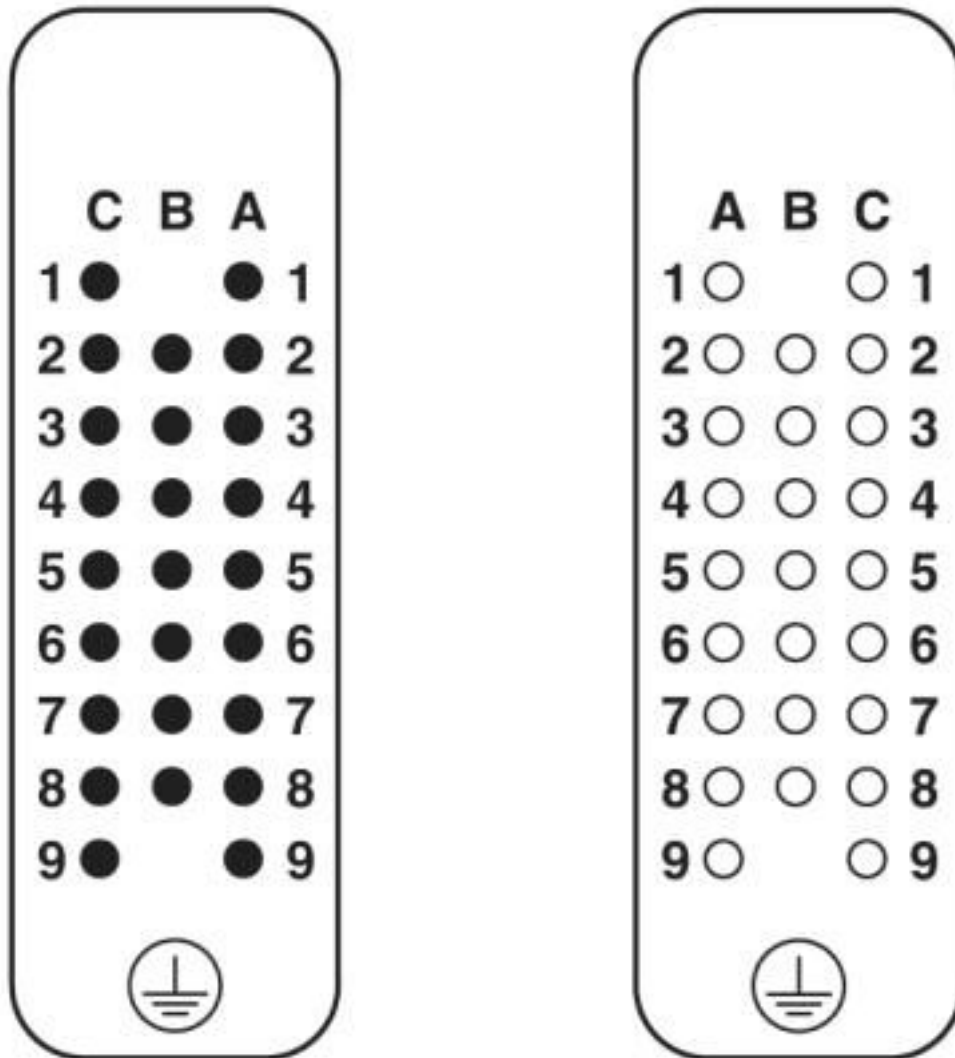
### Environmental Product Compliance

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

## Drawings

# Contact insert - HC-D 25-ESTC - 1772418

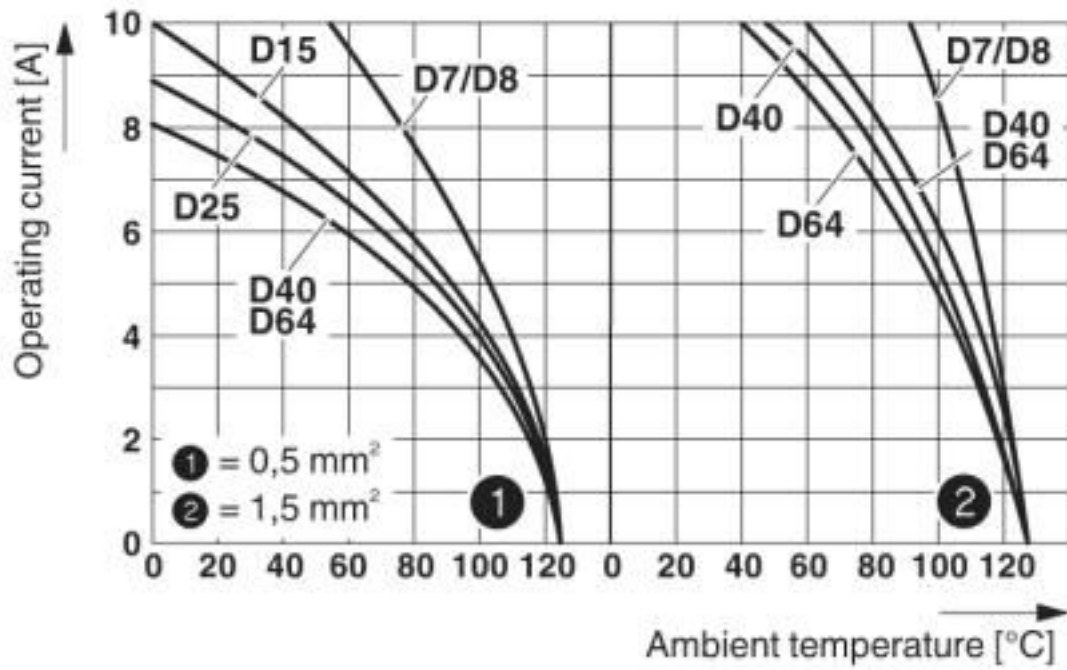
Schematic diagram



Connector pin assignment connection side: Left pin; right socket

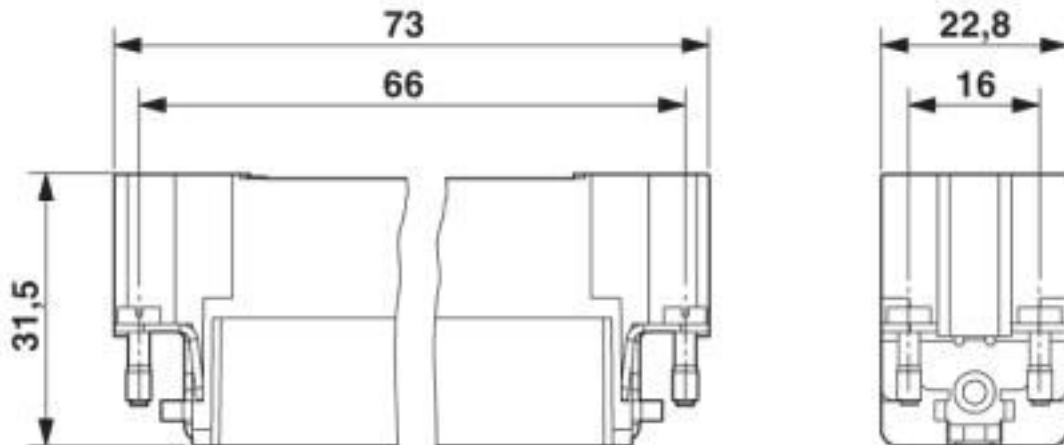
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Diagram



Derating diagram: HC-D...C series

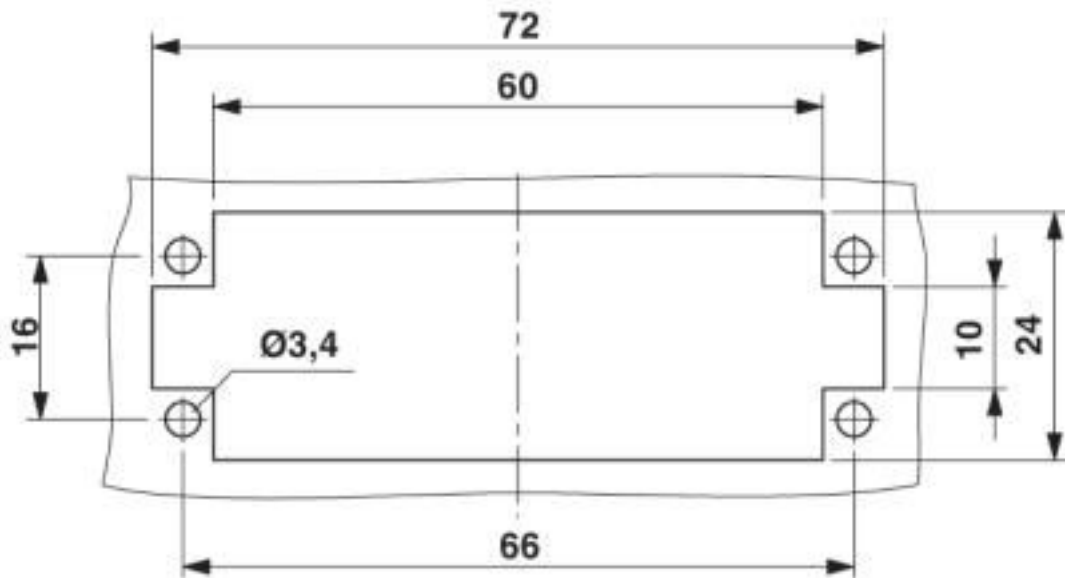
Dimensional drawing



Male insert (turned contacts)

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Dimensional drawing



Mounting cutout

## 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
eCl@ss 9.0	27440205

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
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

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## Classifications

### UNSPSC

UNSPSC 19.0	39121522
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## Accessories

### Accessories

#### Coding element

Coding element - HC-CST - 1676857



Coding peg for coding up to 16 connectors

Coding element - HC-CBU - 1676860



Coding socket for coding up to 16 connectors

Coding bolt - HC-CB - 1772722



Coding pin, prevents mismatching of up to six connectors with an identical number of positions

## DIN rail mounting frame

DIN rail mounting frame - HC-SMR-D25 - 1604023



HEAVYCON DIN rail mounting frame, for contact inserts of type D25

## Mounting material

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### Accessories

Screw - HC-A-PES - 1584868



PE screw for contact inserts of A series

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