

# Contact insert - HC-COM- 8-ESTC - 1408481

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HEAVYCON crimp contact insert for compact plastic housing; male connector version; 8-pos. + PE

## Key commercial data

package_quantity	2
GTIN	4046356618199

## Technical data

### General

Note	For crimp contacts CK2,5-ED...
Connection method	Crimp connection
Pollution degree	3
Surge voltage category	III
Number of positions	8+PE
No. of power contacts	8
Insertion/withdrawal cycles	≥ 500
Design	COM
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Connection cross section AWG	20 ... 12
Stripping length of the individual wire	7.5 mm

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °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	PC

### Electrical characteristics

Rated voltage for power contacts	500
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV

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## Technical data

### Electrical characteristics

<b>Rated current</b>	16 A
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## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27140816
<b>eCl@ss 4.1</b>	27140816
<b>eCl@ss 5.0</b>	27143424
<b>eCl@ss 5.1</b>	27143424
<b>eCl@ss 6.0</b>	27143424
<b>eCl@ss 7.0</b>	27440209
<b>eCl@ss 8.0</b>	27440209

### ETIM

<b>ETIM 4.0</b>	EC000437
<b>ETIM 5.0</b>	EC000437


### UNSPSC


<b>UNSPSC 6.01</b>	30211923
<b>UNSPSC 7.0901</b>	39121522
<b>UNSPSC 11</b>	39121522
<b>UNSPSC 12.01</b>	39121522
<b>UNSPSC 13.2</b>	39121522

## approvals

UL Recognized / cUL Recognized / cULus Recognized /

### Approval details

<b>UL Recognized</b> 	
Nominal voltage UN	600 V
Nominal current IN	19 A
mm <sup>2</sup> /AWG/kcmil	20-12

<b>cUL Recognized</b> 	
Nominal voltage UN	600 V

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## approvals

Nominal current IN	19 A
mm <sup>2</sup> /AWG/kcmil	20-12



## accessories

### Assembly tool

CK2,5-EWZ - 1662722



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### Crimping tool

CRIMPFOX-1,6/2,5-ED-4,0 - 1687419



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### Crimp contact

CK2,5-ED-0,50ST AG - 1663572



CK2,5-ED-0,75ST AG - 1663585



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### accessories

CK2,5-ED-1,00ST AG - 1663598



CK2,5-ED-1,50ST AG - 1663608



CK2,5-ED-2,50ST AG - 1663611



CK2,5-ED-3,00ST AG - 1663624



CK2,5-ED-4,00ST AG - 1663637



CK2,5-ED-0,50ST AU - 1674804



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### accessories

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CK2,5-ED-1,00ST AU - 1674781



CK2,5-ED-1,50ST AU - 1674778



CK2,5-ED-2,50ST AU - 1674817



CK2,5-ED-4,00ST AU - 1674794



### accessories

CK2,5-ED-0,37ST AG - 1585650



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accessories

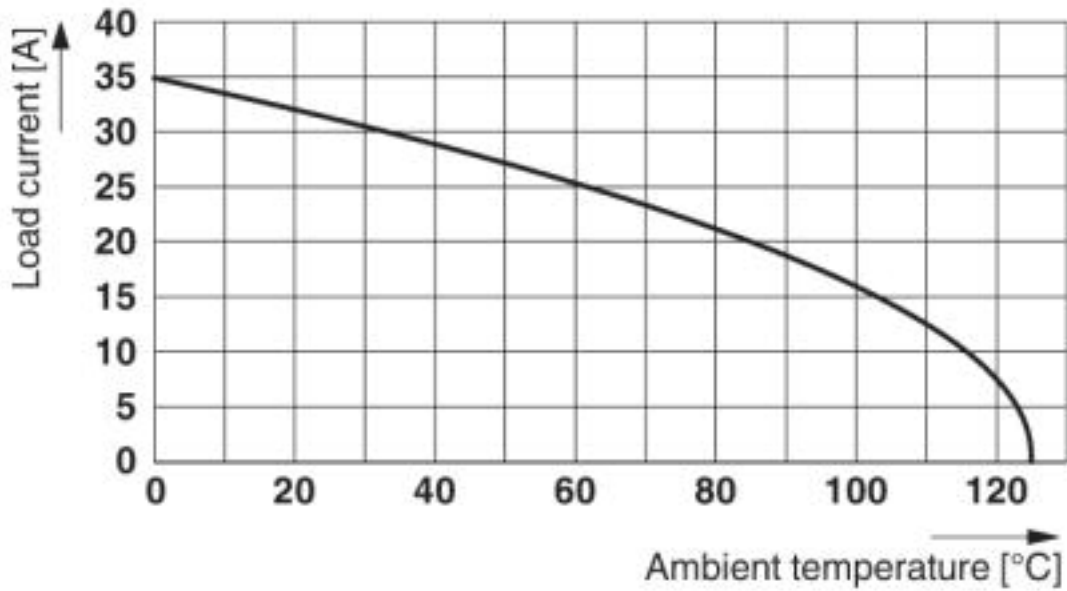
CK2,5-ED-0,37ST AU - 1585663



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## Drawings

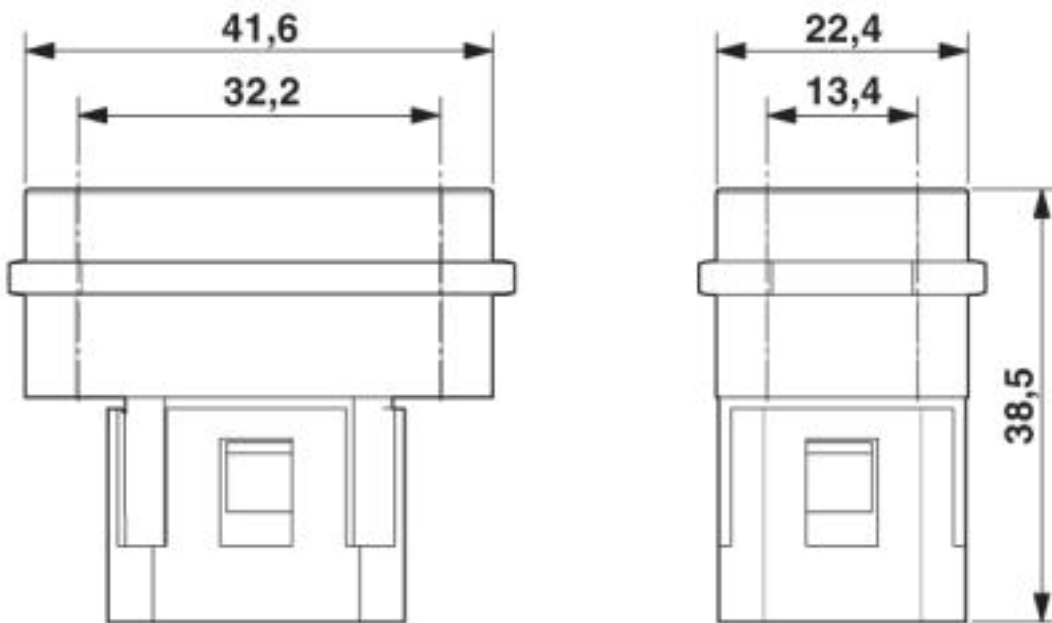
Diagram



Derating diagram for 4 mm<sup>2</sup>

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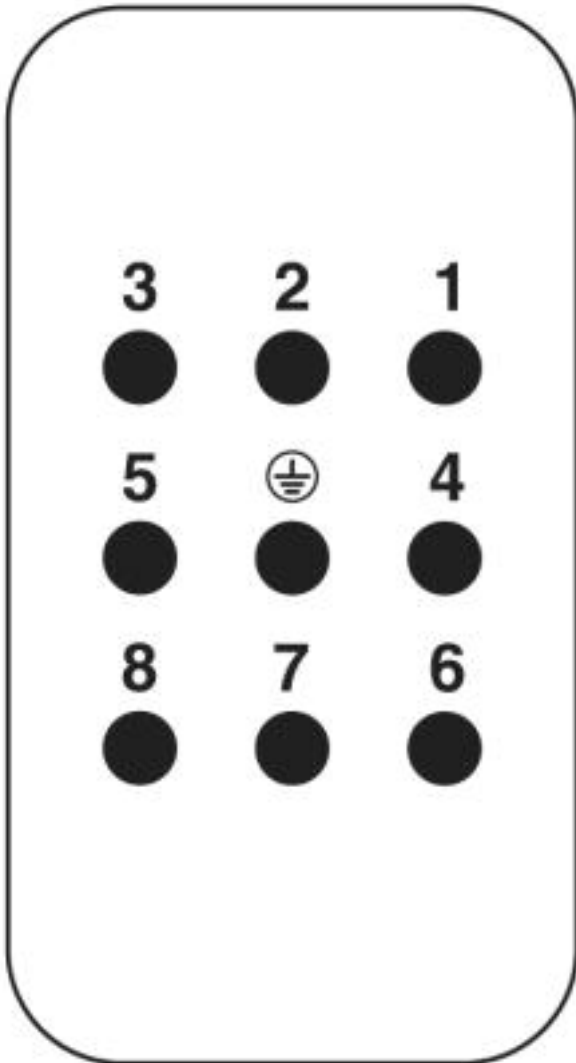
Dimensioned drawing



HC-COM-8-ESTC dimensional drawing

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Schematic diagram



Connector pin assignment, connection side

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