

# 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

Packing unit	0
Minimum order quantity	2
Catalog page	Page 591 (PC-2011)
GTIN	 4 046356 618199
Custom tariff number	85366990
Country of origin	CHINA

## Technical data

### General data

Note	For crimp contacts CK2.5-ED...
Connection method	Crimp connection
Ambient temperature (operation)	-40 °C ... 100 °C (including heating up of contacts)
Pollution degree	3
Surge voltage category	III
Number of positions	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

### 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 (III/3)	500 V
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# Contact insert - HC-COM- 8-ESTC - 1408481

## Technical data

### Electrical characteristics

Rated surge voltage	6 kV
Rated current	16 A

## Classifications

### eclass

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

### etim

ETIM 4.0	EC000437
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### unspsc

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

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	20-12

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

## Approvals

Nominal current IN	19 A
Nominal voltage UN	600 V

cUL Recognized

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

cULus Recognized

## Accessories

### Accessories

### Tools

Removal tool - CK2,5-EWZ - 1662722



Contact removal tool, for turned CK 2,5... contacts

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

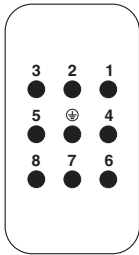


Crimping pliers, for turned contacts, CK 1.6 ED... and CK 2.5 ED...

## Drawings

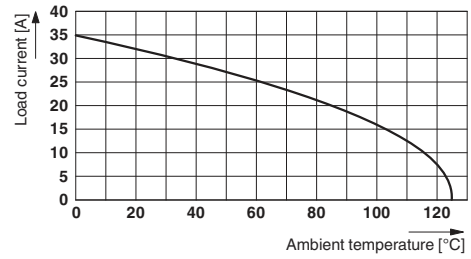
# Contact insert - HC-COM- 8-ESTC - 1408481

Schematic diagram



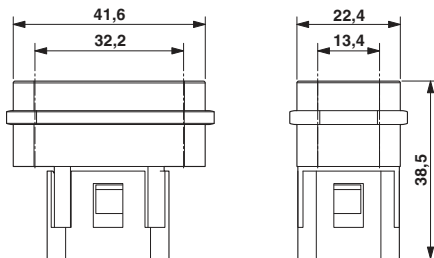
Connector pin assignment, connection side

Diagram



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

Dimensioned drawing



HC-COM-8-ESTC dimensional drawing