

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



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
-----------------------	-------

# 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
----------	----------

### 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

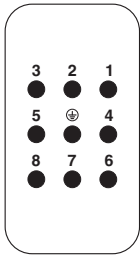


Crimping pliers, for turned contacts, CK 1.6 ED... and CK 2.5 ED...

## Drawings

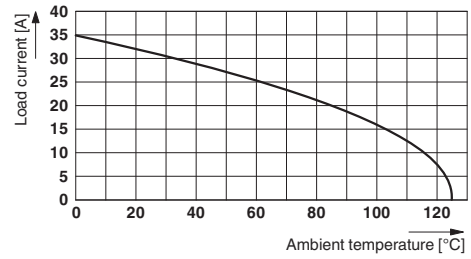
# Contact insert - HC-COM- 8-ESTC - 1408481

Schematic diagram



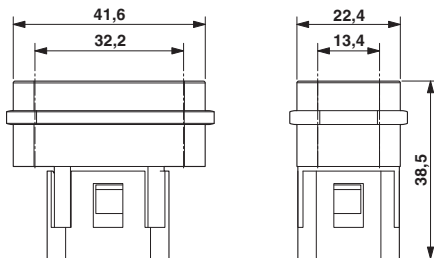
Connector pin assignment, connection side

Diagram



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

Dimensioned drawing



HC-COM-8-ESTC dimensional drawing