

# Contact insert - HC-COM-17-ESTC - 1408465

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HEAVYCON crimp contact insert for compact plastic housing; male connector version; 17-pos. + PE

## Product Description

Contact insert, incl. 4 mounting screws



## Key Commercial Data

Packing unit	2 pc
Minimum order quantity	2 pc
GTIN	 4 046356 618175
GTIN	4046356618175

## Technical data

### General

Note	For crimp contacts CK 1.6-ED...
	Connectors may be operated only when there is no load/voltage.
Connection method	Crimp connection
Degree of pollution	3
Overvoltage category	III
Number of positions	17+PE
Insertion/withdrawal cycles	≥ 500
Size	COM
Contact numbering	1 - 17
Conductor cross section	0.14 mm² ... 2.5 mm²
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm
	6 mm (at 2.5 mm²)
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required

# Contact insert - HC-COM-17-ESTC - 1408465

## Technical data

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C (including heating up of contacts)
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### Material data

Seal material	NBR
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

### Electrical characteristics

Rated voltage for power contacts	200
Rated voltage (III/3)	200 V
Rated voltage (III/2)	250 V
Rated surge voltage	4 kV
Rated current	10 A

### Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

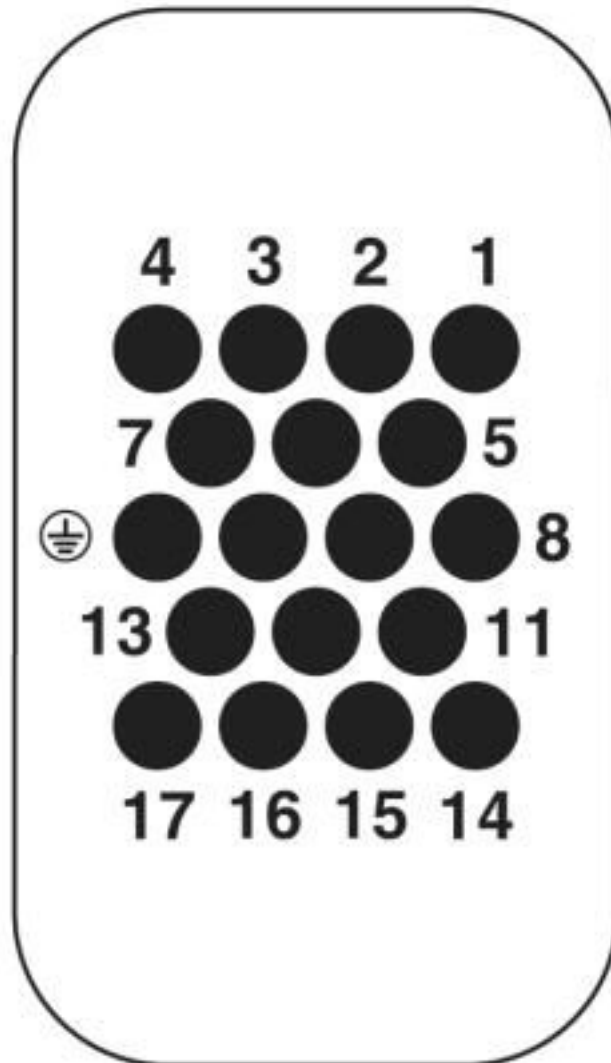
### Environmental Product Compliance

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

## Drawings

## Contact insert - HC-COM-17-ESTC - 1408465

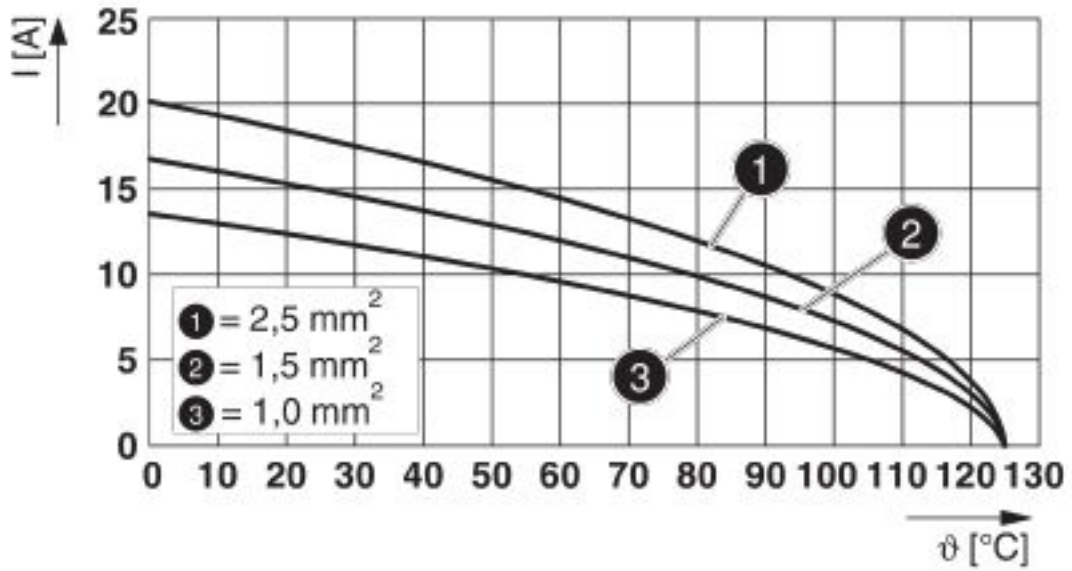
Schematic diagram



Connector pin assignment, connection side

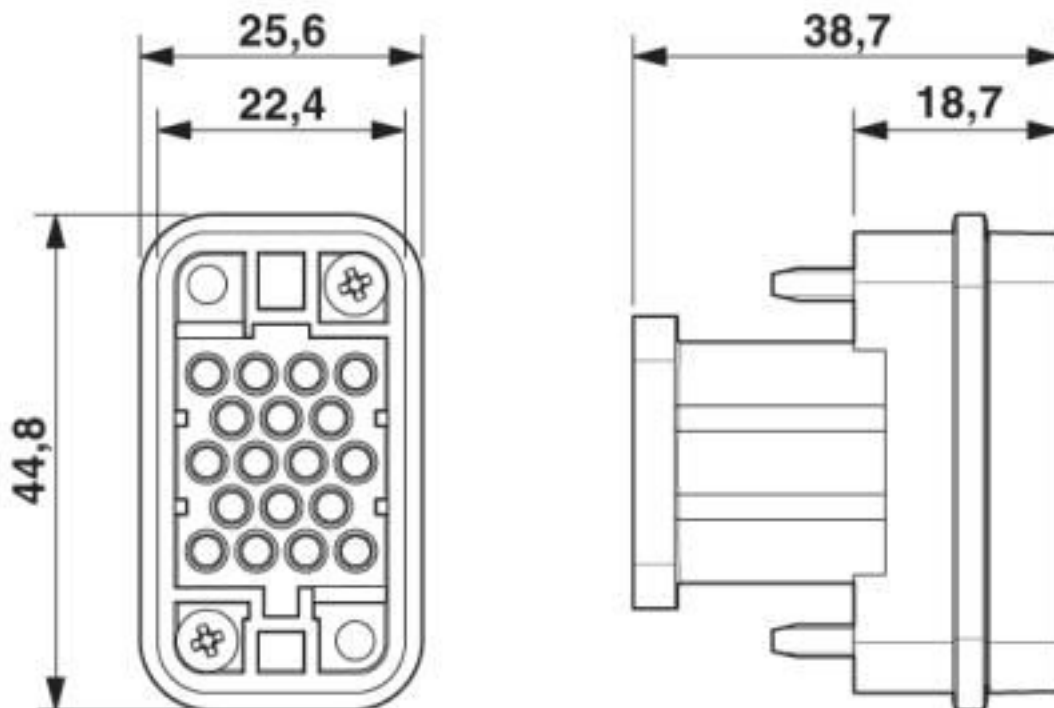
# Contact insert - HC-COM-17-ESTC - 1408465

Diagram



Derating diagram

Dimensional drawing



HC-COM-17-ESTC dimensional drawing

# Contact insert - HC-COM-17-ESTC - 1408465

## Classifications

### eCl@ss

eCl@ss 10.0.1	27440205
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

### ETIM

ETIM 4.0	EC000437
ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

### UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522
UNSPSC 18.0	39121522
UNSPSC 19.0	39121522
UNSPSC 20.0	39121522
UNSPSC 21.0	39121522

## Approvals

### Approvals

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#### Approvals

CSA / UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

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#### Ex Approvals

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### Approval details

# Contact insert - HC-COM-17-ESTC - 1408465

## Approvals

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	260458
Nominal voltage UN		600 V	
Nominal current IN		19 A	
mm <sup>2</sup> /AWG/kcmil		20-12	

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 118976
Nominal voltage UN		600 V	
Nominal current IN		19.5 A	
mm <sup>2</sup> /AWG/kcmil		22-14	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 118976
Nominal voltage UN		600 V	
Nominal current IN		10.5 A	
mm <sup>2</sup> /AWG/kcmil		22-14	

EAC		RU C- DE.AI30.B.01102
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EAC		RU C- DE.BL08.B.00511
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cULus Recognized	
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## Accessories

Accessories

Assembly tool

## Contact insert - HC-COM-17-ESTC - 1408465

### Accessories

Contact removal tool - VC-EW 1,6 - 1884869



Contact removal tool, for turned and rolled CK- 1.6-... contacts

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### Coding element

Dummy socket - CK1,6-ED-BB - 1645888



Dummy socket for contact carrier with turned CK 1,6-ED.. female contacts

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Coding element - HC-CP-CK1.6-PL - 1095422



Coding element

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### Crimp contact

Crimp contact - CK1,6-ED-0,37ST AG - 1663336



Turned 1.6 crimp contact, individual male contact, core diameter 0.14 to 0.37 mm<sup>2</sup>, silver-plated

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Crimp contact - CK1,6-ED-0,50ST AG - 1663349



Turned 1.6 crimp contact, individual male contact, core diameter 0.5 mm<sup>2</sup>, silver-plated

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## Contact insert - HC-COM-17-ESTC - 1408465

### Accessories

Crimp contact - CK1,6-ED-0,75ST AG - 1663352



Turned 1.6 crimp contact, individual male contact, core diameter 0.75 mm<sup>2</sup>, silver-plated

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Crimp contact - CK1,6-ED-1,00ST AG - 1663365



Turned 1.6 crimp contact, individual male contact, core diameter 0.75 to 1.00 mm<sup>2</sup>, silver-plated

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Crimp contact - CK1,6-ED-1,50ST AG - 1663378



Turned 1.6 crimp contact, individual male contact, core diameter 1.5 mm<sup>2</sup>, silver-plated

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Crimp contact - CK1,6-ED-2,50ST AG - 1663381



Turned 1.6 crimp contact, individual male contact, core diameter 2.5 mm<sup>2</sup>, silver-plated

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Crimp contact - CK1,6-ED-0,37ST AU - 1674901



Turned 1.6 crimp contact, individual male contact, core diameter 0.14 to 0.37 mm<sup>2</sup>, gold-plated

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## Contact insert - HC-COM-17-ESTC - 1408465

### Accessories

Crimp contact - CK1,6-ED-0,50ST AU - 1672453



Turned 1.6 crimp contact, individual male contact, core diameter 0.5 mm<sup>2</sup>, gold-plated

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Crimp contact - CK1,6-ED-0,75ST AU - 1674914



Turned 1.6 crimp contact, individual male contact, core diameter 0.75 mm<sup>2</sup>, gold-plated

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Crimp contact - CK1,6-ED-1,00ST AU - 1674888



Turned 1.6 crimp contact, individual male contact, core diameter 0.75 to 1.00 mm<sup>2</sup>, gold-plated

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Crimp contact - CK1,6-ED-1,50ST AU - 1674875



Turned 1.6 crimp contact, individual male contact, core diameter 1.5 mm<sup>2</sup>, gold-plated

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Crimp contact - CK1,6-ED-2,50ST AU - 1674927



Turned 1.6 crimp contact, individual male contact, core diameter 2.5 mm<sup>2</sup>, gold-plated

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### Crimping tool

## Contact insert - HC-COM-17-ESTC - 1408465

### Accessories

Crimping pliers - CRIMPFOX-TC 4 - 1212113



Crimping pliers, for CK 1,6-ED..., CK 2,5-ED..., CK 4,0-ED... turned contacts, 4 marked die stations, unlockable pressure lock, lateral entry, incl. positioning tool

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### Additional products

Contact insert - HC-COM-17-EBUC - 1408478



HEAVYCON crimp contact insert for compact plastic housing; socket version; 17-pos. + PE

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