


# HC-COM- 4/2-ESTC

Order No.: 1408504

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HEAVYCON crimp contact insert for compact plastic housing; pin version; 4-pos. + PE supply circuit, 2-pos. control circuit

Commercial data	
GTIN (EAN)	 4 046356 618212
sales group	D000
Pack	2 pcs.
Customs tariff	85366990
Catalog page information	Page 590 (PC-2011)

**Product notes**

WEEE/RoHS-compliant since:  
08/27/2010



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Technical data	
<b>General data</b>	
Note	For crimp contacts CK4.0-ED.. (control circuit), CK1.6-ED... (control circuit)
Connection method	Crimp connection
Ambient temperature (operation)	-40 °C ... 100 °C (including heating up of contacts)
Pollution degree	3

Surge voltage category	III
Insertion/withdrawal cycles	≥ 500
Connection in acc. with standard	IEC / EN
Conductor cross-section	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (control contacts) 1.5 mm <sup>2</sup> ... 6 mm <sup>2</sup> (power contacts)
Connection cross-section AWG	16 ... 10 (power contacts) 26 ... 14 (control contacts)
Stripping length of the individual wire	9 mm (1.5 mm <sup>2</sup> - 2.5 mm <sup>2</sup> control circuit) 9.6 mm (4 mm <sup>2</sup> - 6 mm <sup>2</sup> control circuit) 8 mm (Control circuit) 6 mm (2.5 mm <sup>2</sup> control circuit)
Assembly instructions	Maximum insulation diameter for power circuit

**Material data**

Inflammability class acc. to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (control circuit: alternative Au)
Contact carrier material	PC

**Electrical characteristics**

Rated voltage (III/3)	250 V (control contacts)
	400 V (Phase-ground power contacts)
	690 V (Phase-phase power contacts)
Rated surge voltage	6 kV (Phase-phase power contacts)
	4 kV (control contacts)
	4 kV (Phase ground power contacts)
Rated current	40 A (power contacts)
	10 A (control contacts)

**Certificates / Approvals**



Certification

CUL, UL

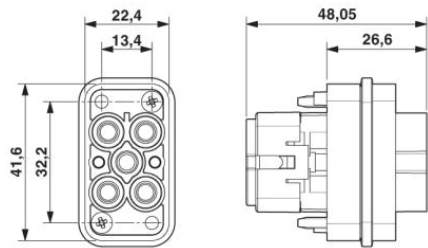
## Diagrams/Drawings

### Diagram



Derating diagram power circuit for 6 mm<sup>2</sup> (control current 10 A)

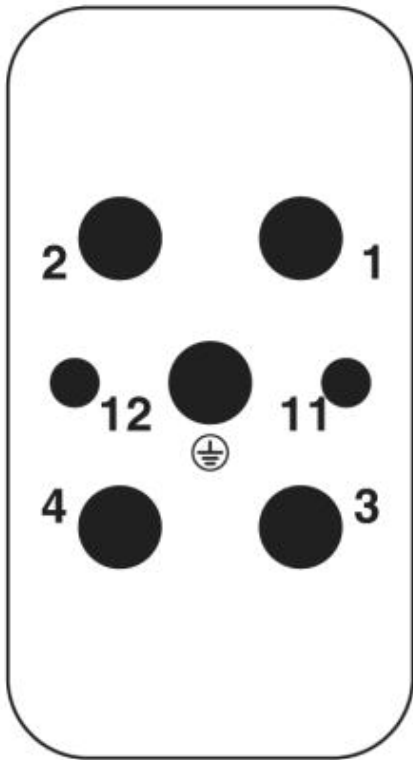
### Dimensioned drawing



HC-COM-4/2-ESTC dimensional drawing

Schematic diagram

Connector pin assignment, connection side



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