

## HC-K 8/24-ESTC

Order No.: 1636318



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1636318>

HEAVYCON male insert, K8/24 series, for 8 power and 24 control contacts, crimp connection

Commercial data	
EAN	4046356011457
Pack	1 pcs.
Customs tariff	85366990
Weight/Piece	0.055 KG
Catalog page information	Page 447 (PC-2009)

#### Product notes

WEEE/RoHS-compliant since:  
03/28/2006



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## Technical data

### General data

Note	For housing HC-B10, power contacts: CK 2,5-ED, control contacts: CK 1,6-ED (crimp contacts not included in scope of delivery)
Connection method	Crimp connection (power contacts)
	Crimp connection (control contacts)
Ambient temperature (operation)	-40 °C ... 125 °C
Pollution degree	3
Surge voltage category	III
Insertion/withdrawal cycles	≥ 500
Design	B10
Conductor cross section	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup> (power contacts)
	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (control contacts)
Connection cross section AWG	20 ... 12 (power contacts)
	26 ... 14 (control contacts)
Stripping length of the individual wire	7.5 mm (power contacts)
	8 mm (control contacts, with a cross section of 0.14 mm <sup>2</sup> ... 2 mm <sup>2</sup> )
	6 mm (Control contacts, with a cross section of 2.5 mm <sup>2</sup> )
Assembly instructions	-CK2.5-ED power contacts... are dismantled using a size 0 Phillips head screwdriver (DIN 5260).-Plug-in connections may only be operated only when there is no load/voltage.

### Material data

Inflammability class acc. to UL 94	V0
Contact material	Cu alloy
Material of contact surface, power contact	Ag (alternat. Au)
Material of contact surface, control contact	Ag (alternatively Au)
Contact carrier material	PA

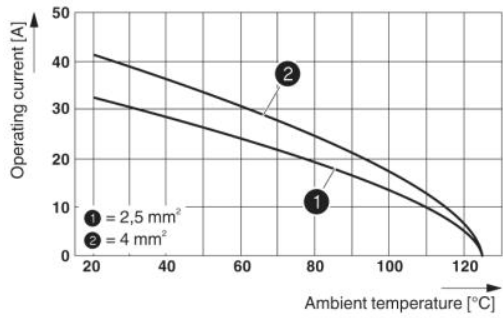
### Electrical characteristics

Rated voltage (III/3)	230 V (Conductor-PE)
	160 V (control contacts)
	Leistung 400 V (Conductor-Conductor)
Rated surge voltage	4 kV (power contacts)
	2.5 kV (control contacts)

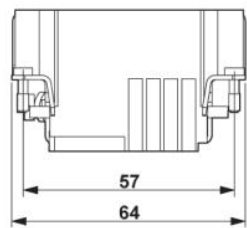
Rated current	16 A (power contacts)
	10 A (control contacts)

**Drawings**

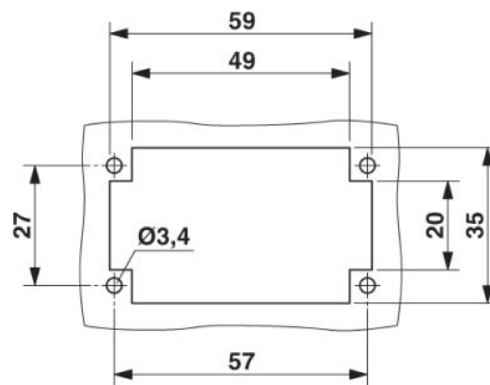
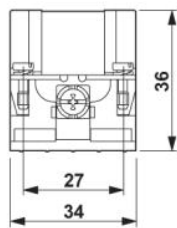
Diagram



Dimensioned drawing



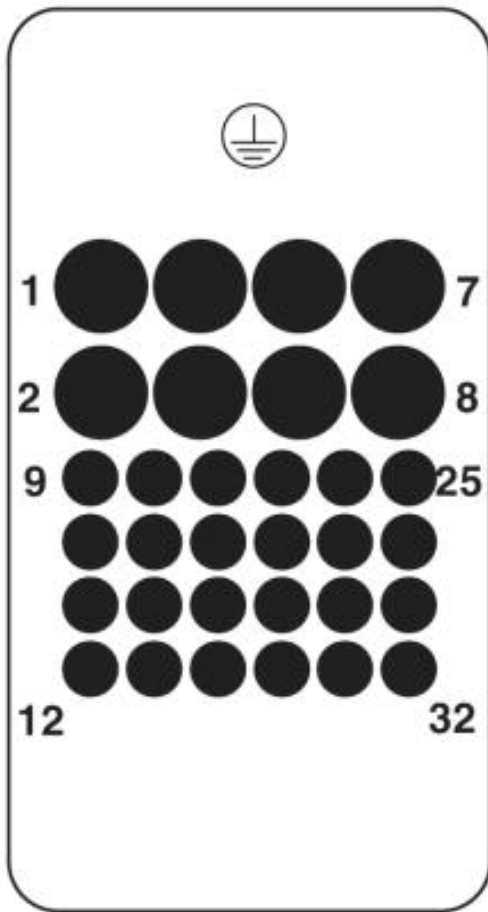
Male insert



Panel cutout

Schematic diagram

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