

HC-K 6/36-ESTC

Order No.: 1636376



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1636376>

HEAVYCON male insert, K6/36 series, for 6 power and 36 control contacts, crimp connection

Commercial data	
EAN	4046356011518
Pack	1 pcs.
Customs tariff	85366990
Weight/Piece	0.0683 KG
Catalog page information	Page 447 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
01/03/2007



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General data

Note	For housing HC-B16, power contacts: CK 4,0-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	K6/36
Conductor cross section	1.5 mm ² ... 6 mm ² (power contacts) 0.14 mm ² ... 2.5 mm ² (control contacts)
Connection cross section AWG	16 ... 10 (power contacts) 26 ... 14 (control contacts)
Stripping length of the individual wire	9 mm (Power contacts, with a cross section of 1.5-2.5 mm ²) 8 mm (Control contacts, with a cross section of 0.14 mm ² ... 1.5 mm ²) 9.5 mm (Power contacts, with a cross section of 4-6 mm ²) 6 mm (Control contacts, with a cross section of 2.5 mm ²)
Wire diameter including insulation	5 mm

Material data

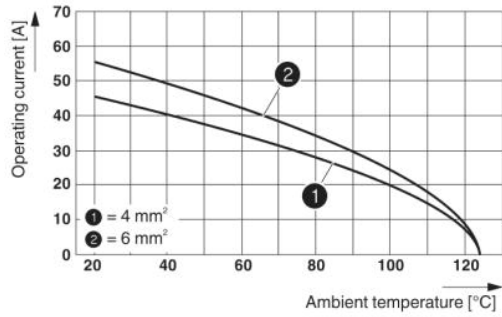
Inflammability class acc. to UL 94	V0
Contact material	Cu alloy
Material of contact surface, power contact	Ag
Material of contact surface, control contact	Ag (alternatively Au)
Contact carrier material	PC

Electrical characteristics

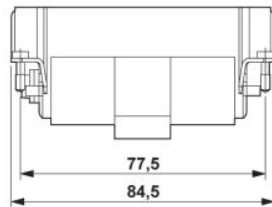
Rated voltage (III/3)	690 V (power contacts) 160 V (control contacts)
Rated surge voltage	8 kV (power contacts) 2.5 kV (control contacts)
Rated current	40 A (power contacts) 10 A (control contacts)

Drawings

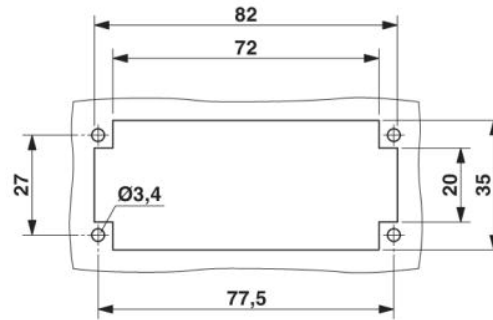
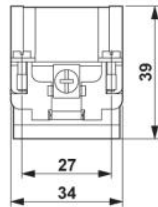
Diagram



Dimensioned drawing



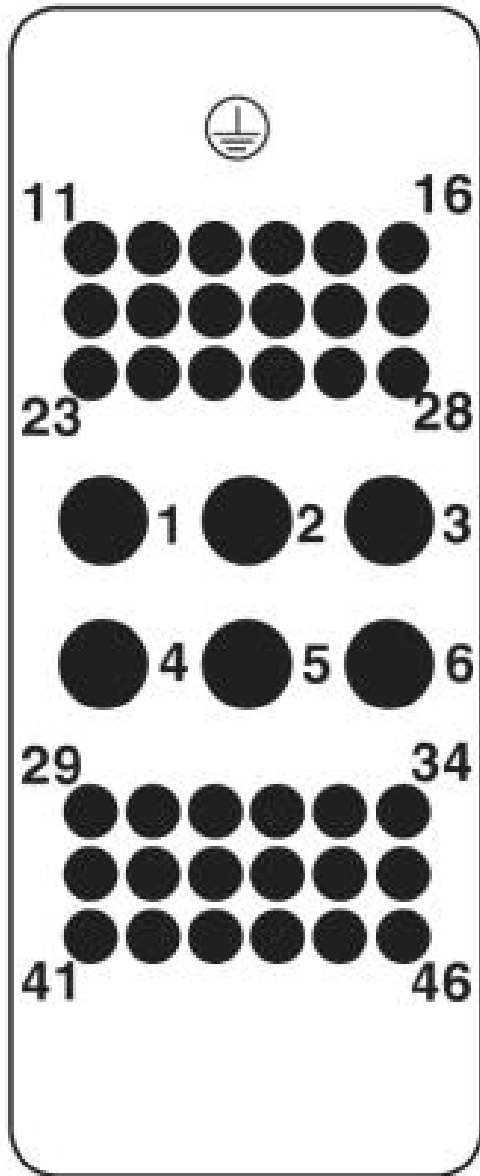
Male insert



Panel cutout

Schematic diagram

Connector pin assignment



Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



© 2009 Phoenix Contact
Technical modifications reserved;