

# HC-D 7-EBUC-R

Order No.: 1679508

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1679508>HEAVYCON female insert, D7 series, 7-pos., crimp connection, rolled  
contacts**Commercial data**

EAN	4017918163730
Pack	10 pcs.
Customs tariff	85366990
Weight/Piece	0.01683 KG
Catalog page information	Page 438 (PC-2009)

**Product notes**WEEE/RoHS-compliant since:  
07/07/2006

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www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
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**Technical data****General data**

Note	Für HEAVYCON-Gehäuse der Bauform D7, Crimpkontakte CK1,6-ER / CK1,6-BR (Crimpkontakte nicht im Lieferumfang)
Connection method	Crimp connection
Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
Pollution degree	3

Surge voltage category	III
Constructional and testing regulations	DIN VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
	IEC 60352
Number of positions	7
Insertion/withdrawal cycles	≥ 500
Design	D7
Connection in acc. with standard	IEC / EN
Conductor cross section	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Connection cross section AWG	26 ... 16
Stripping length of the individual wire	3 mm +0,5 (0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup> )
	3.5 mm +1,0 (0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> )
Assembly instructions	Connectors may be operated only when there is no load/voltage.
Connection	The inserts may only be used in plastic housings at voltages >42 V, since it is not possible to connect the protective conductor and the housing with each other.

**Material data**

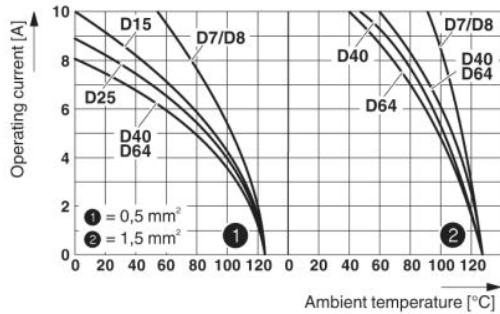
Inflammability class acc. to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PA

**Electrical characteristics**

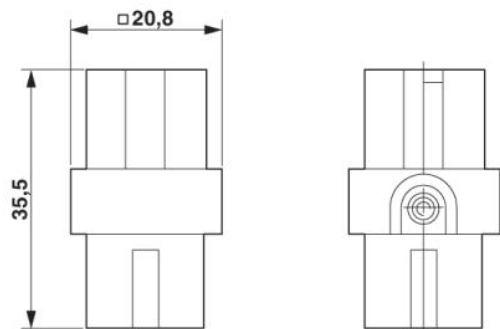
Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	10 A

**Drawings**

Diagram

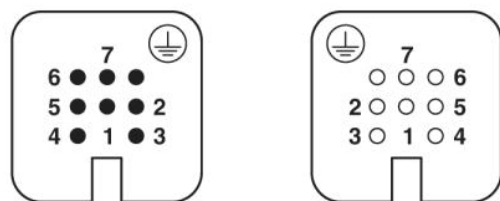


Dimensioned drawing



Female insert

Schematic diagram



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