

Contact insert - HC-D 40-EBUC-R - 1679537

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HEAVYCON female insert, D40 series, 40-pos., crimp connection, rolled contacts



Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4017918163761

Technical data

General

Note	For HEAVYCON ADVANCE housings of B16 type and HEAVYCON housings of B16/32 types, crimp contacts CK1,6-ER / CK1,6-BR (crimp contacts not included in the scope of supply)
Connection method	Crimp connection
Degree of pollution	3
Overvoltage category	III
Number of positions	40+PE
Insertion/withdrawal cycles	≥ 500
Size	B16
Conductor cross section	0.14 mm ² ... 1.5 mm ²
Connection cross section AWG	26 ... 16
Stripping length of the individual wire	3 mm +0,5 mm (0,14 mm ² ... 0,5 mm ²) 3.5 mm +1 (0.5 mm ² ... 1.5 mm ²)
Assembly instructions	- Use of HC-CST (1676857) coding pins and HC-CBU (1676860) coding sockets has been prescribed.
Connection	Connectors may be plugged in only when there is no load/voltage.

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
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Technical data

Material data

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

Electrical characteristics

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

Standards and Regulations

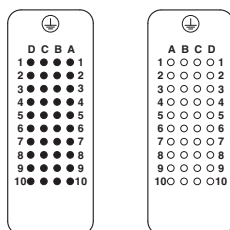
Connection in acc. with standard	CSA
Constructional and testing regulations	DIN VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
	IEC 60352
Flammability rating according to UL 94	V0

Environmental Product Compliance

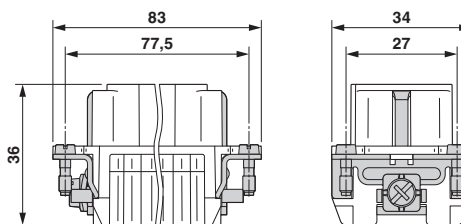
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Schematic diagram



Dimensional drawing

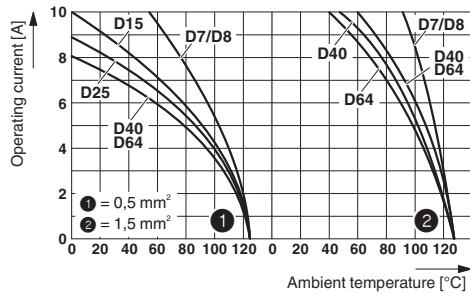


Connector pin assignment, connection side

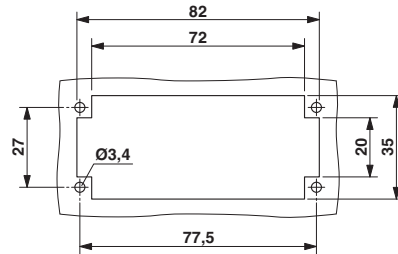
Female insert

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Diagram



Dimensional drawing



Mounting cutout when used without housing

Derating diagram: Series HC-D...C-R

Approvals

Approvals

Approvals

CSA / UL Recognized / EAC / EAC / GL

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	File 703204
Nominal voltage UN		600 V	
Nominal current IN		10 A	
mm²/AWG/kcmil		14	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		600 V	
Nominal current IN		10 A	
mm²/AWG/kcmil		14	

EAC		RU C- DE.AI30.B.01102
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Approvals

EAC		EAC-Zulassung
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GL		http://exchange.dnv.com/tari/	6196614 HH
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