


HC-D 7-EBUC-R

Order No.: 1679508




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HEAVYCON female insert, D7 series, 7-pos., crimp connection, rolled contacts

Commercial data	
GTIN (EAN)	 4 017918 163730
sales group	D010
Pack	10 pcs.
Customs tariff	85366990
Catalog page information	Page 524 (PC-2011)

Product notes

WEEE/RoHS-compliant since:
09/15/2005



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Technical data	
General data	
Note	For HEAVYCON housing of type D7, crimp contacts CK1,6-ER / CK1,6-BR (crimp contacts not included in the scope of supply)
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 ² ... 1.5 mm ²
Connection cross section AWG	26 ... 16
Stripping length of the individual wire	3 mm +0,5 (0.14 mm ² ... 0.5 mm ²)
	3.5 mm +1,0 (0.5 mm ² ... 1.5 mm ²)
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 according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PBTP

Electrical characteristics

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

Certificates / Approvals

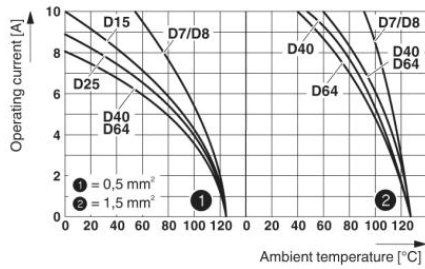


Certification

CSA, GOST, UL

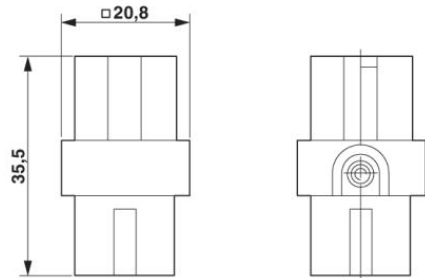
Diagrams/Drawings

Diagram



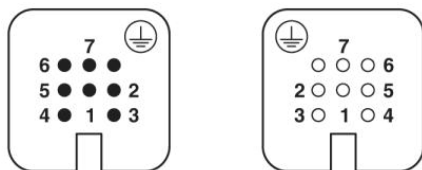
Derating diagram: HC-D...C series

Dimensioned drawing



Female insert

Schematic diagram



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