



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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HC-D 64-ESTC

Order No.: 1772528



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1772528>

HEAVYCON male insert, D64 series, 64-pos., crimp connection

Commercial data	
EAN	4017918037192
Pack	10 pcs.
Customs tariff	85366990
Weight/Piece	0.08428 KG
Catalog page information	Page 440 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
03/01/2006



<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 HEAVYCON ADVANCE housings of B24 type and HEAVYCON housings of B24/48 types, crimp contacts CK1,6-ED / 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	64
Insertion/withdrawal cycles	≥ 500
Design	D64
Connection in acc. with standard	IEC / EN
Conductor cross section	0.14 mm ² ... 2.5 mm ²
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm
	6 mm (2.5 mm ²)
Assembly instructions	Connectors may be operated only when there is no load/voltage.
Connection	Here, keying pins and sockets have been prescribed to avoid incorrect contacting when plugged in at an angle.

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

Certificates / Approvals



Certification

CSA, GOST, UL

CSA

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	22-16

UL

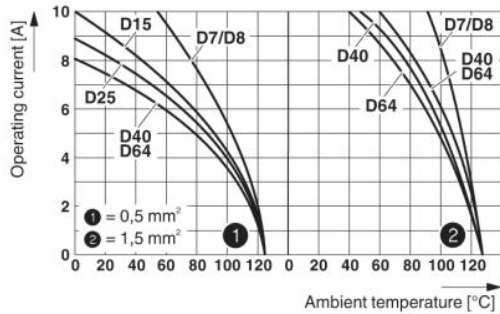
Nominal voltage U_N	600 V
Nominal current I_N	10 A
AWG/kcmil	22-16

Accessories

Item	Designation	Description
General		
1586141	HC-B 24-ANDOCK	Docking frame for racks, for contact inserts of B24 type, with four M5 flat headed screws, rack balance x/y axis +- 1.5 mm
1644326	HC-B-3PE	PE multiplier, for three PE connections, for HC-B (besides HC-B..E..ZZ) / HC-BB / HC-DD / HC-D40 / HC-D64 contact inserts
1604997	HC-B-PES	PE screw, for contact inserts HC-B / HC-BB / HC-DD / HC-D40 / HC-D64
1685327	HC-B-ZG	Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, straight cable exit
1685330	HC-B-ZS	Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, lateral cable exit
1772722	HC-CB	Coding pin, prevents mismating of up to six plug connectors with an identical number of positions
1676860	HC-CBU	Keying socket for coding up to 16 plug connectors
1676857	HC-CST	Keying peg for coding up to 16 plug connectors
1660944	HC-SMP 150-B24-AMQ	HEAVYCON connector assembly frame with panel mounting base with double locking latch, for contact inserts of type B24
1687985	HC-SMR-B24	HEAVYCON connector assembly frame, for contact inserts of type B24

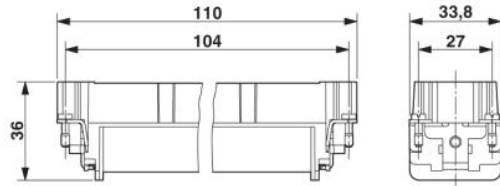
Diagrams/Drawings

Diagram

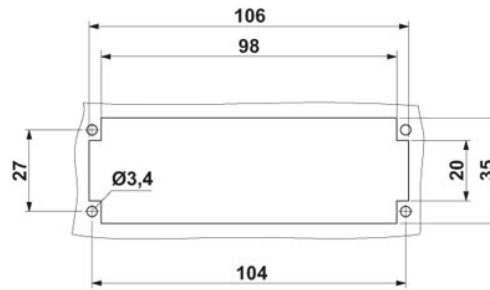


Derating diagram: HC-D...C series

Dimensioned drawing

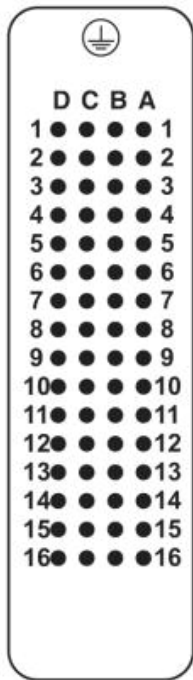


Male insert (turned contacts)

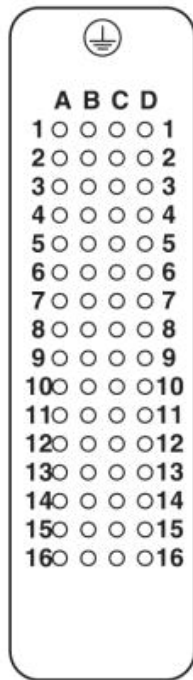


Panel cutout

Schematic diagram



Connector pin assignment, connection side



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