

HC-D 40-EBUC - Contact insert

1772492

<https://www.phoenixcontact.com/za/products/1772492>



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



Commercial data

Item number	1772492
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	020
Product key	BF7ABE
Catalog page	Page 440 (PC-2009)
GTIN	4017918037161
Weight per piece (including packing)	75,22 g
Weight per piece (excluding packing)	75 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	For HC-D40 housing, crimp contacts CK1,6-ED (crimp contacts not included in scope of supply)
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Mounting

Assembly instructions	- Use of HC-CST (1676857) coding pins and HC-CBU (1676860) coding sockets has been prescribed. Connectors may be plugged in only when there is no load/voltage.
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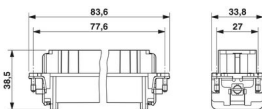
Product properties

Type	B16 B32
Product type	Contact insert with a fixed no. of positions
Number of positions	40
Connection profile	40+PE
Contact material type	turned

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Dimensions

Dimensional drawing	
Width	34 mm
Height	33 mm
Length	84.5 mm

Connection data

Connection technology

Connection technology	Crimp connection
Connection in acc. with standard	IEC / EN

Conductor connection

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)

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Electrical properties

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

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PA

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
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Standards and regulations

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
Tests	DIN VDE 0627/86
	DIN VDE 0110/02.79
	DIN VDE 0110-1/04.97
	IEC 60664-1, DIN IEC 60512
	IEC 60352

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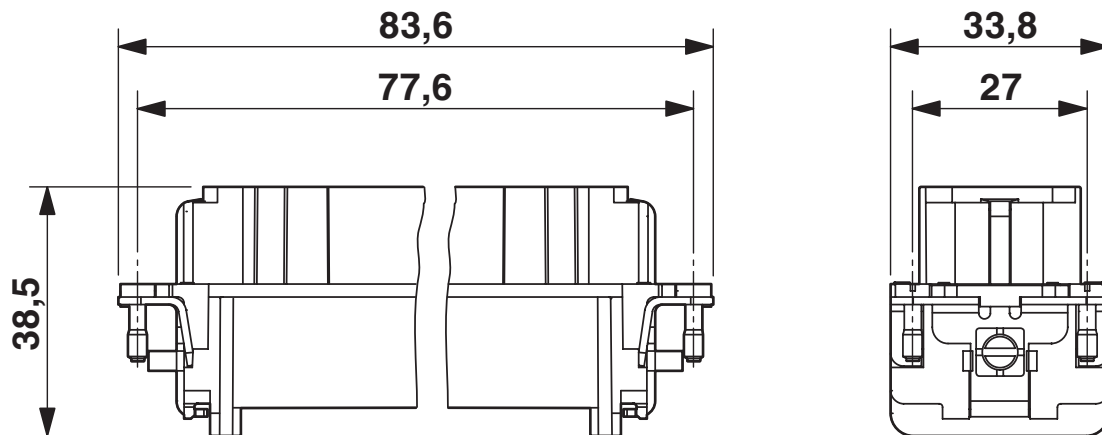
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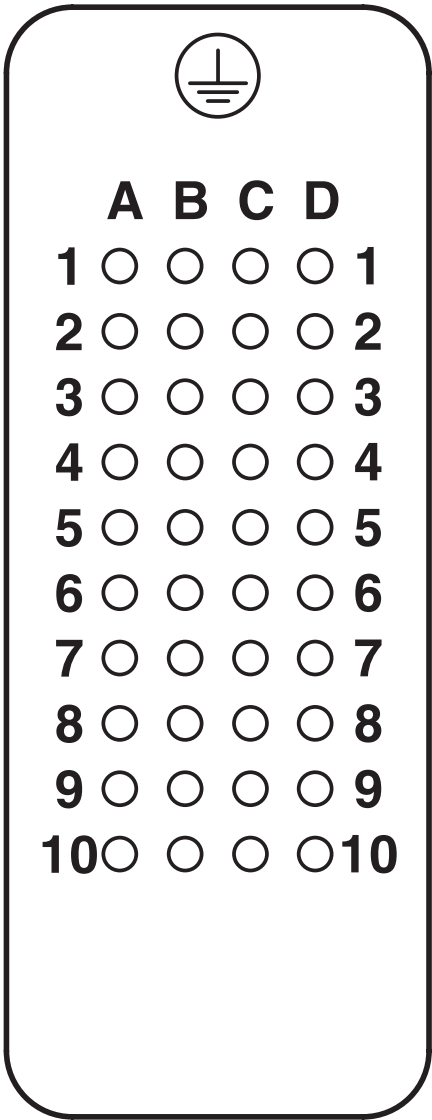
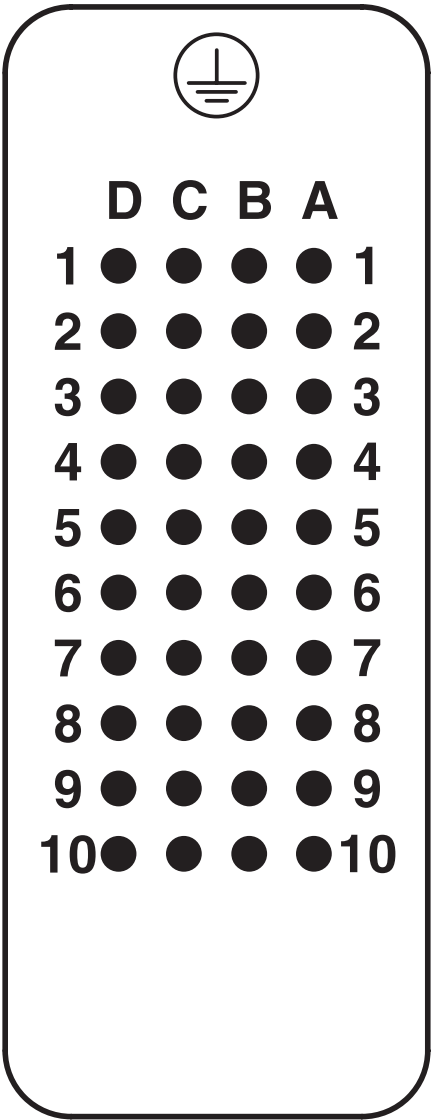
Drawings

Dimensional drawing



Female insert (turned contacts)

Schematic diagram



Connector pin assignment, connection side

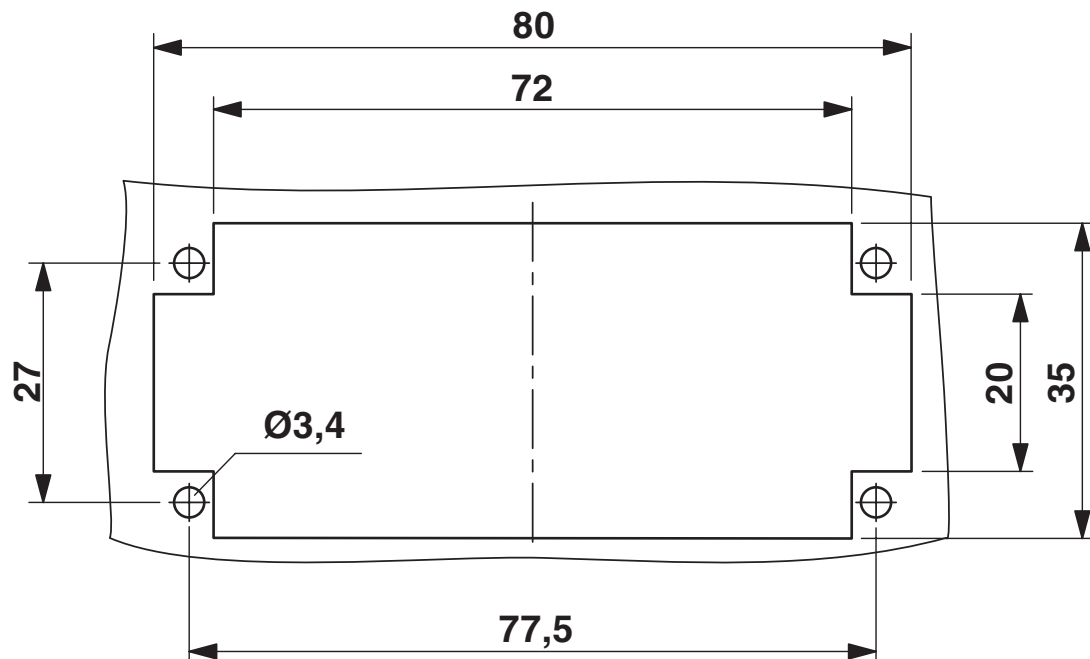
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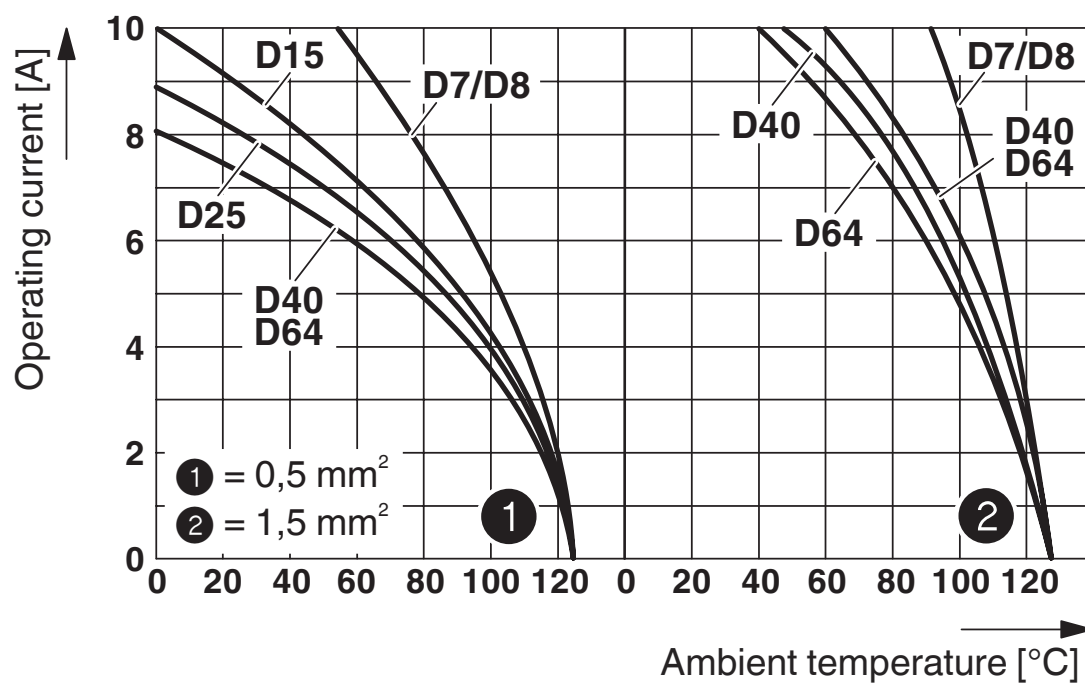


Dimensional drawing



Mounting cutout

Diagram



Derating diagram: HC-D...C series

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Classifications

ECLASS

ECLASS-11.0	27440205
ECLASS-13.0	27440223

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Environmental product compliance

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

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