

HC-D 40-EBUC - Contact insert

1772492

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



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

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



Commercial data

Item number	1772492
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF61
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

HC-D 40-EBUC - Contact insert

1772492

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



Technical data

Notes

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

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.
-----------------------	--

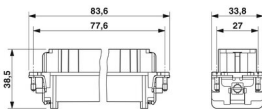
Product properties

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)

HC-D 40-EBUC - Contact insert

1772492

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



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
-----------------------------	-------

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

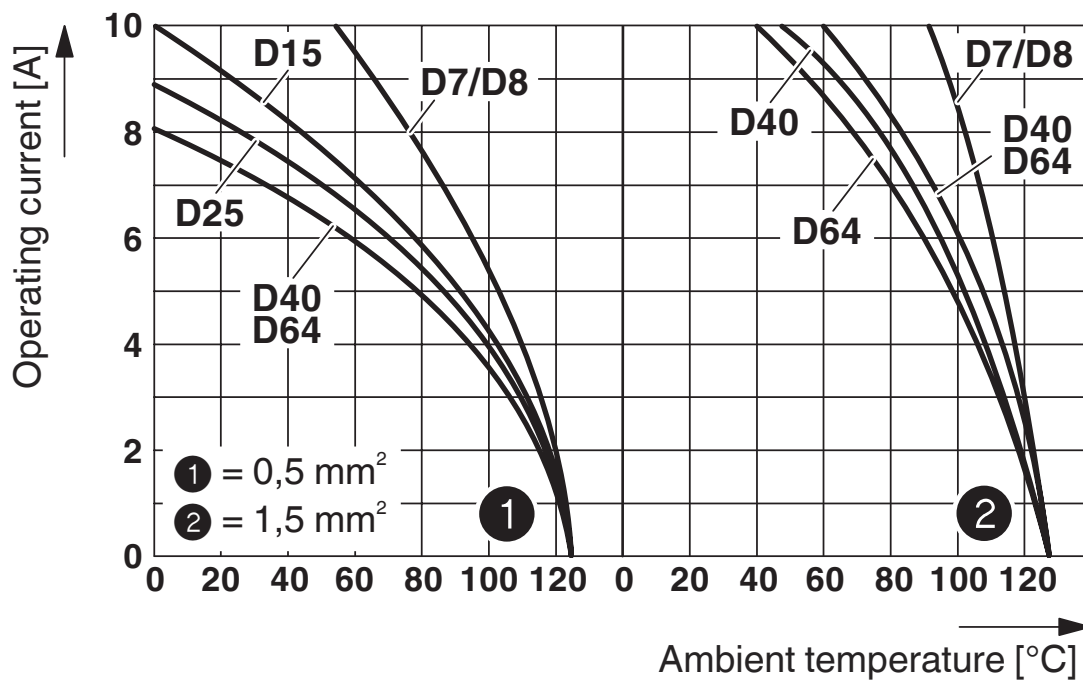
Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
---------------------------------	--

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

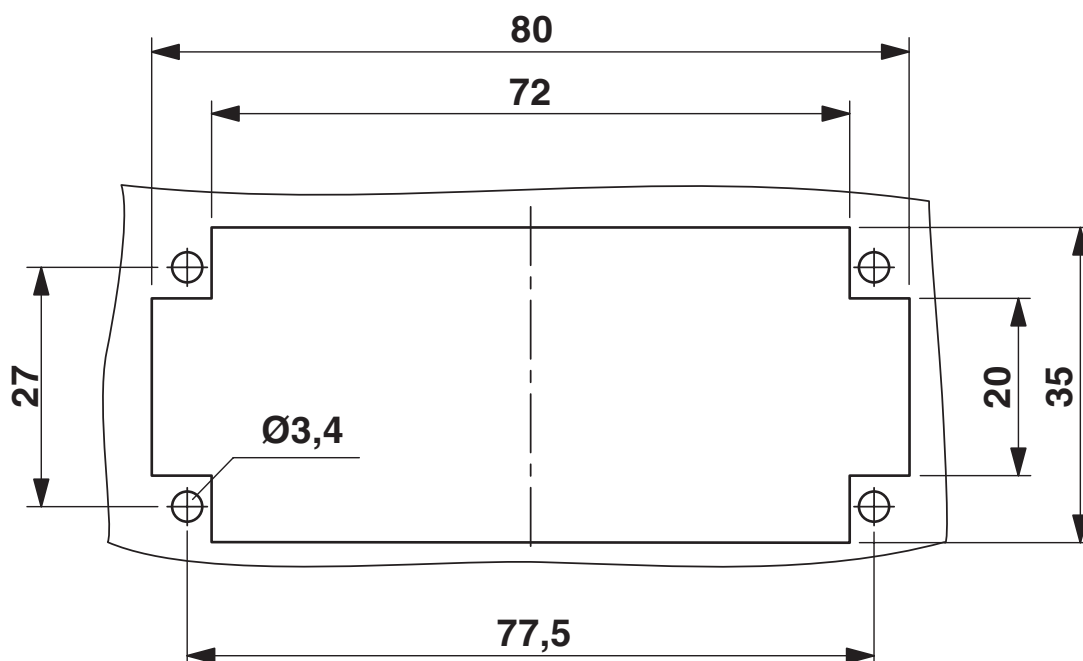
Drawings

Diagram



Derating diagram: HC-D...C series

Dimensional drawing

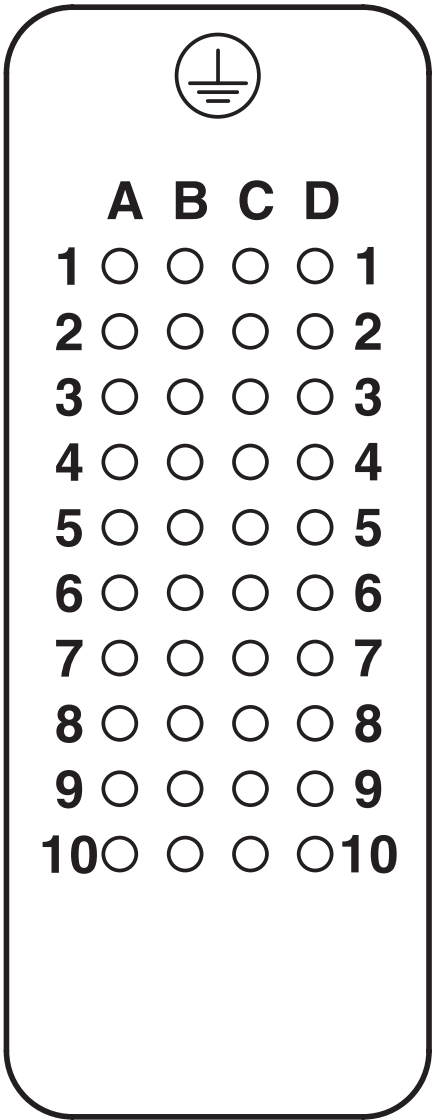
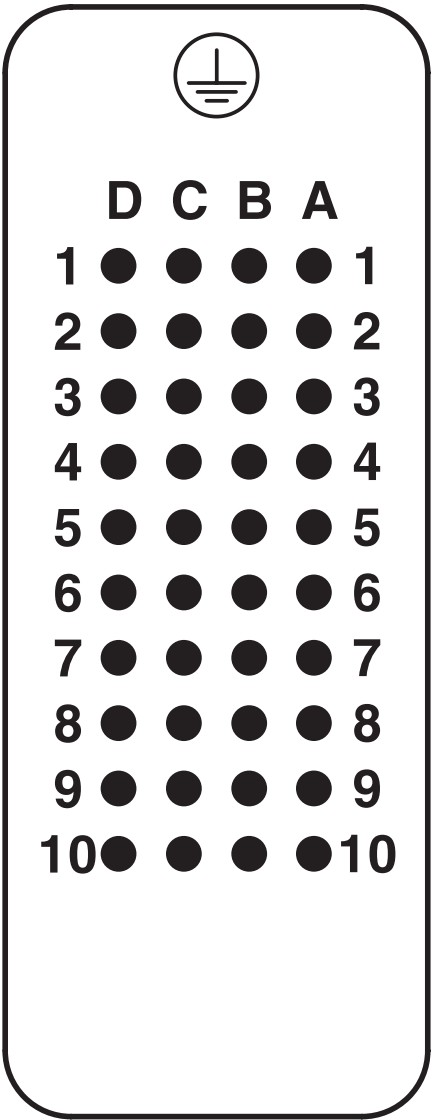


Mounting cutout

1772492

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

Schematic diagram



Connector pin assignment, connection side

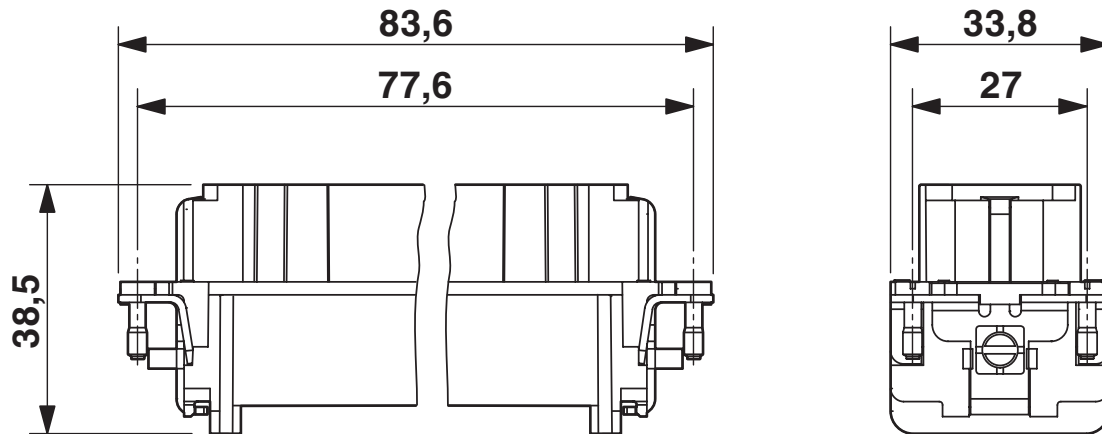
HC-D 40-EBUC - Contact insert

1772492

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



Dimensional drawing



Female insert (turned contacts)

HC-D 40-EBUC - Contact insert

1772492

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



Classifications

ECLASS

ECLASS-11.0	27440205
ECLASS-13.0	27440223

HC-D 40-EBUC - Contact insert



1772492

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

Environmental product compliance

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

HC-D 40-EBUC - Contact insert

1772492

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



Accessories

HC-B-PES - Screw

1604997

<https://www.phoenixcontact.com/us/products/1604997>

PE screw, for contact inserts HC-B / HC-BB / HC-DD / HC-D40 / HC-D64



HC-B-3PE - PE multiplier

1644326

<https://www.phoenixcontact.com/us/products/1644326>

PE multiplier, for 3 PE connections, for HC-B / HC-BB / HC-DD / HC-D40 / HC-D64 contact inserts



HC-D 40-EBUC - Contact insert

1772492

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



HC-CBU - Coding element

1676860

<https://www.phoenixcontact.com/us/products/1676860>



Coding socket for coding up to 16 connectors

HC-CB - Coding bolt

1772722

<https://www.phoenixcontact.com/us/products/1772722>



Coding pin, prevents mismatching of up to six connectors with an identical number of positions

HC-D 40-EBUC - Contact insert

1772492

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



HC-B-ZG - Strain relief clamp

1685327

<https://www.phoenixcontact.com/us/products/1685327>



Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, straight cable exit

HC-B-ZS - Strain relief clamp

1685330

<https://www.phoenixcontact.com/us/products/1685330>



Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, lateral cable exit

HC-D 40-EBUC - Contact insert

1772492

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



HC-CST - Coding element

1676857

<https://www.phoenixcontact.com/us/products/1676857>



Coding peg for coding up to 16 connectors

HC-SMR-B16 - DIN rail mounting frame

1687972

<https://www.phoenixcontact.com/us/products/1687972>



HEAVYCON DIN rail mounting frame, for contact inserts of type B16

HC-D 40-EBUC - Contact insert

1772492

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



HC-SMP 125-B16-AMQ - DIN rail mounting frame

1660973

<https://www.phoenixcontact.com/us/products/1660973>



HEAVYCON DIN rail mounting frame with panel mounting base with double locking latch, for contact inserts of type B16

HC-B 24-ADP-B 16-GY - Adapter plate

1660449

<https://www.phoenixcontact.com/us/products/1660449>



HEAVYCON adapter plate, type B24 on B16, for panel cutouts of type B24, gray

HC-D 40-EBUC - Contact insert

1772492

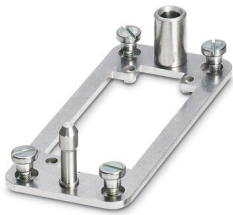
<https://www.phoenixcontact.com/us/products/1772492>



HC-B 16-ANDOCK - Docking frame

1586138

<https://www.phoenixcontact.com/us/products/1586138>



Docking frame for racks, for contact inserts of B16 type, with four M5 flat headed screws, rack balance x/y axis ± 1.5 mm

CK1,6-ED-BB - Dummy socket

1645888

<https://www.phoenixcontact.com/us/products/1645888>



Dummy socket for contact carrier with turned CK 1,6-ED.. female contacts

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com