

# HC-D 15-EBUC - Contact insert

1772311

<https://www.phoenixcontact.com/us/products/1772311>



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, D15 series, 15-pos., crimp connection

## Commercial data

Item number	1772311
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF61
Product key	BF7ABE
Catalog page	Page 439 (PC-2009)
GTIN	4017918036980
Weight per piece (including packing)	39.45 g
Weight per piece (excluding packing)	32.96 g
Customs tariff number	85366990
Country of origin	DE

# HC-D 15-EBUC - Contact insert



1772311

<https://www.phoenixcontact.com/us/products/1772311>

## Technical data

### Notes

General	For HC-D15 housing, crimp contacts CK1,6-ED (crimp contacts not included in scope of supply)
---------	--

### Mounting

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

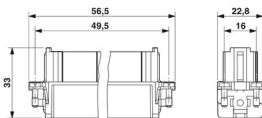
### Product properties

Type	D15
Product type	Contact insert with a fixed no. of positions
Number of positions	15
Connection profile	15+PE

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Dimensions

Dimensional drawing	
Width	22.8 mm
Height	33 mm
Length	56.5 mm
Drill hole distance, vertical	16 mm

### Connection data

#### Connection technology

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

#### Conductor connection

Conductor cross section	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm 6 mm (2.5 mm <sup>2</sup> )

### Electrical properties

Rated voltage (III/3)	250 V
-----------------------	-------

# HC-D 15-EBUC - Contact insert



1772311

<https://www.phoenixcontact.com/us/products/1772311>

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

# HC-D 15-EBUC - Contact insert

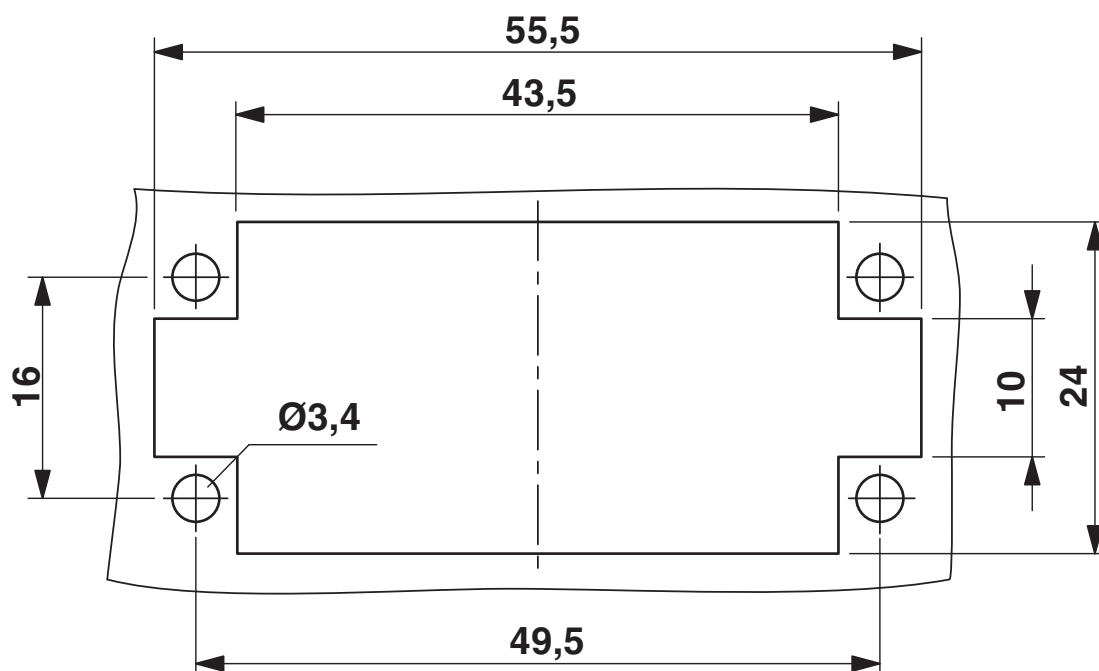
1772311

<https://www.phoenixcontact.com/us/products/1772311>



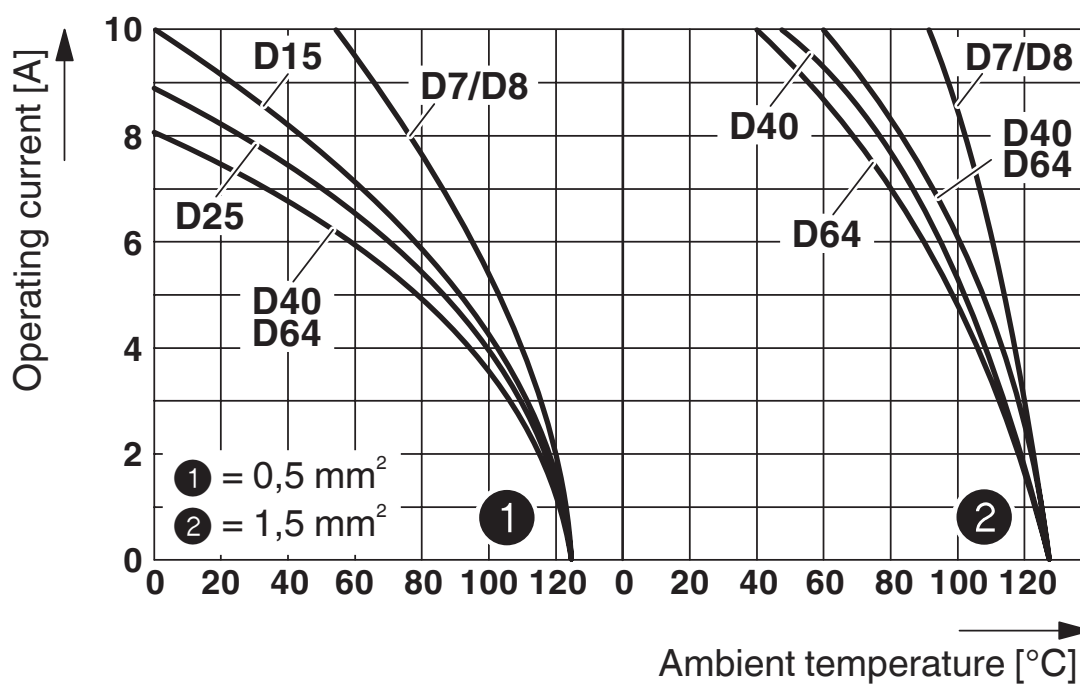
## Drawings

Dimensional drawing



Mounting cutout

Diagram



Derating diagram: HC-D...C series

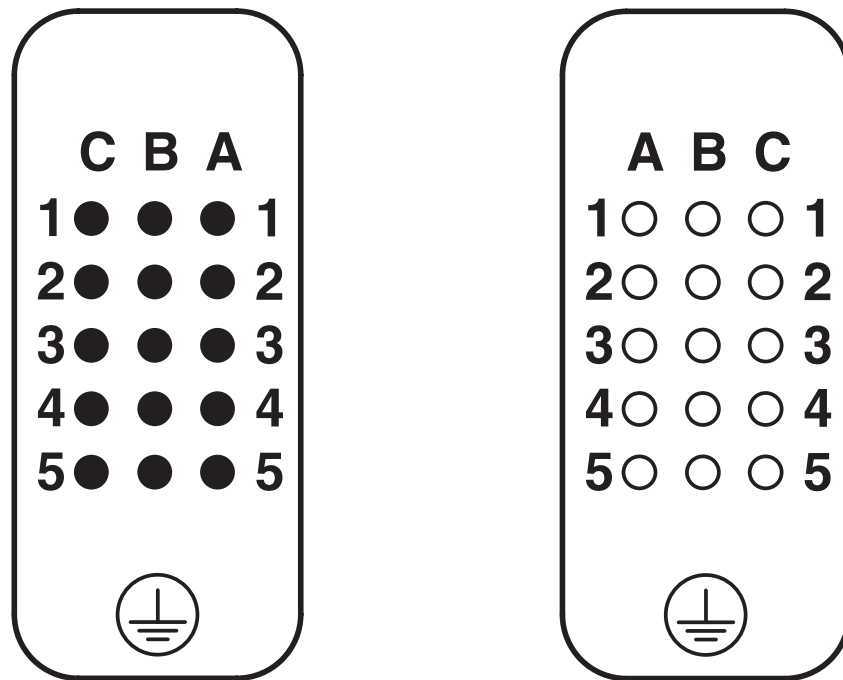
# HC-D 15-EBUC - Contact insert

1772311

<https://www.phoenixcontact.com/us/products/1772311>

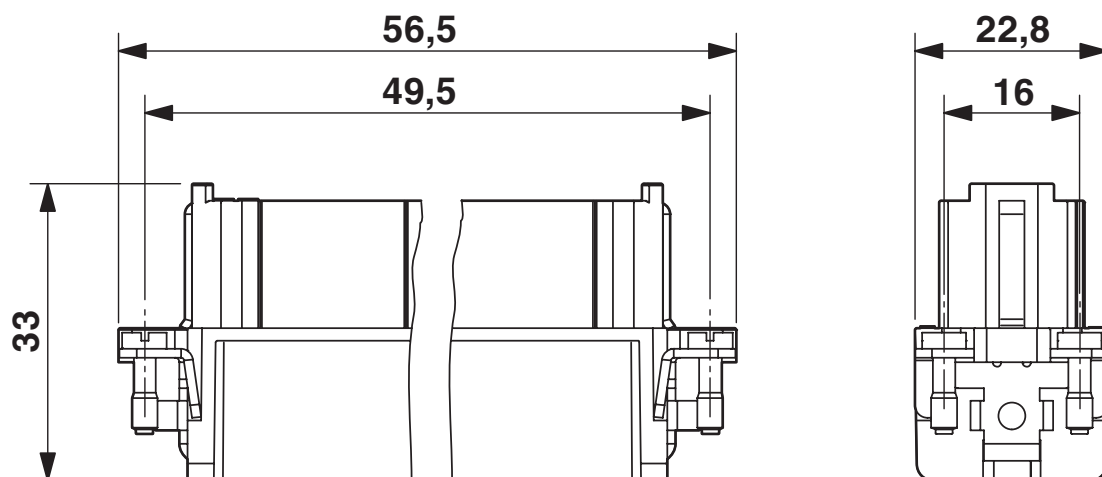


Schematic diagram



Connector pin assignment, connection side: left pin, right socket

Dimensional drawing



Female insert (turned contacts)

# HC-D 15-EBUC - Contact insert

1772311

<https://www.phoenixcontact.com/us/products/1772311>



## Classifications

### ECLASS

ECLASS-11.0	27440205
ECLASS-13.0	27440223

# HC-D 15-EBUC - Contact insert

1772311

<https://www.phoenixcontact.com/us/products/1772311>



## Environmental product compliance

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

# HC-D 15-EBUC - Contact insert

1772311

<https://www.phoenixcontact.com/us/products/1772311>



## Accessories

### HC-A-PES - Screw

1584868

<https://www.phoenixcontact.com/us/products/1584868>

PE screw for contact inserts of A series



---

### HC-CST - Coding element

1676857

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

Coding peg for coding up to 16 connectors



## HC-D 15-EBUC - Contact insert

1772311

<https://www.phoenixcontact.com/us/products/1772311>



## 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 15-EBUC - Contact insert

1772311

<https://www.phoenixcontact.com/us/products/1772311>



## HC-SMR-D15 - DIN rail mounting frame

1604010

<https://www.phoenixcontact.com/us/products/1604010>



HEAVYCON DIN rail mounting frame, for contact inserts of type D15

---

## 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](mailto:info@phoenixcon.com)