

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Phoenix Contact](#)  
[1772405](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



Extract from the online catalog

## HC-D 25-EBUC

Order No.: 1772405



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1772405>

HEAVYCON female insert, D25 series, 25-pos., crimp connection

Commercial data	
EAN	4017918037079
Pack	10 pcs.
Customs tariff	85366990
Weight/Piece	0.04803 KG
Catalog page information	Page 439 (PC-2009)

### Product notes

WEEE/RoHS-compliant since:  
02/17/2006



<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 HC-D25 housing, crimp contacts CK1,6-ED (crimp contacts not included in scope of supply)
Connection method	Crimp connection
Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)

HC-D 25-EBUC Order No.: 1772405

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1772405>

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	25
Insertion/withdrawal cycles	≥ 500
Design	D25
Connection in acc. with standard	IEC / EN
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> )
Assembly instructions	Connectors may be operated only when there is no load/voltage.
Connection	- Use of HC-CST (1676857) keying pins and HC-CBU (1676860) keying sockets has been prescribed.

#### 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

HC-D 25-EBUC Order No.: 1772405

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1772405>

**CSA**

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

**UL**

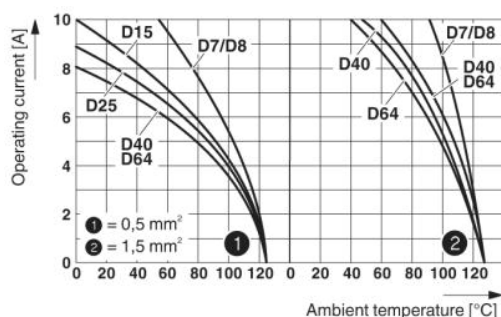
Nominal voltage $U_N$	600 V
Nominal current $I_N$	10 A
AWG/kcmil	22-16

**Accessories**

Item	Designation	Description
<b>General</b>		
1645888	CK1,6-ED-BB	Dummy socket for contact carrier with turned CK 2.5-ED.. female contacts
1584868	HC-A-PES	PE screw for contact inserts of A series
1772722	HC-CB	Coding pin, prevents mismatching 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
1604023	HC-SMR-D25	HEAVYCON connector assembly frame, for contact inserts of type D25

**Diagrams/Drawings**

Diagram

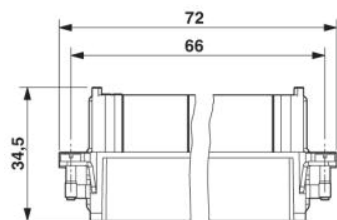


Derating diagram: HC-D...C series

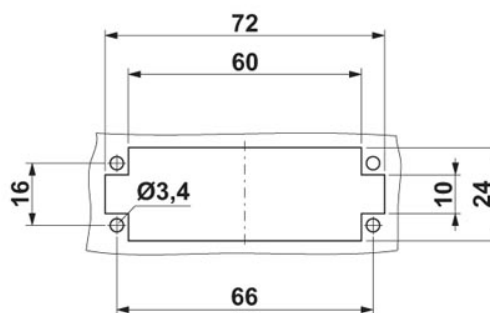
HC-D 25-EBUC Order No.: 1772405

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1772405>

Dimensioned drawing

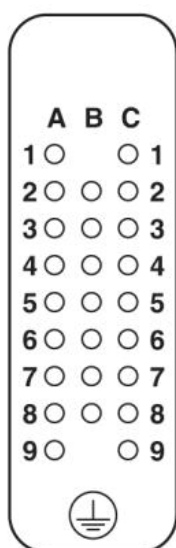
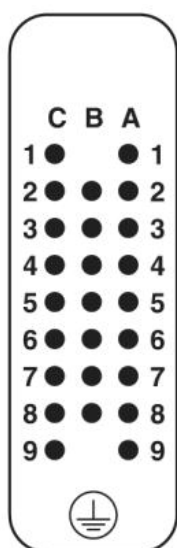


Female insert (turned contacts)



Panel cutout

Schematic diagram



Connector pin assignment connection side: Left pin; right socket

HC-D 25-EBUC Order No.: 1772405  
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1772405>

---

**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2010 Phoenix Contact  
Technical modifications reserved;