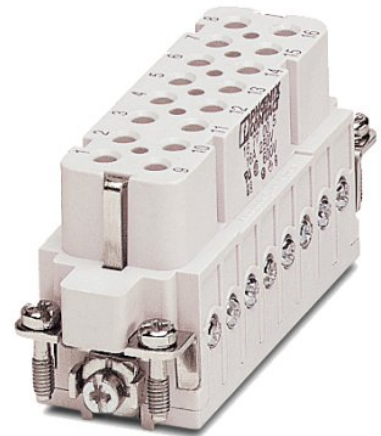



# HC-A 16-EBUC

Order No.: 1677018



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1677018>

HEAVYCON female insert, A16 series, 16-pos., crimp connection

Commercial data	
GTIN (EAN)	 4 017918 129637
sales group	D014
Pack	10 pcs.
Customs tariff	85366990
Catalog page information	Page 425 (PC-2009)

#### Product notes

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



<http://www.download.phoenixcontact.com>  
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Technical data	
<b>General data</b>	
Note	For HC-D25 / HC-D50 housing, crimp contact CK2,5-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)

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	16
Insertion/withdrawal cycles	≥ 500
Design	A16
Connection in acc. with standard	IEC / EN
Conductor cross-section	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Connection cross-section AWG	20 ... 12
Stripping length of the individual wire	8 mm
Assembly instructions	Connectors may be operated only when there is no load/voltage.

**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	16 A

**Certificates / Approvals**



Certification

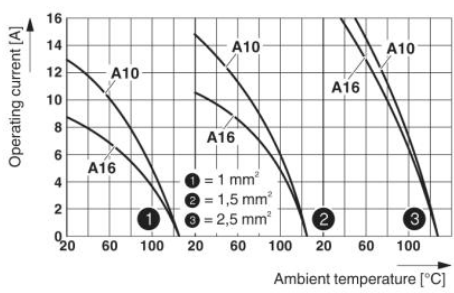
CSA, GOST, UL

**Accessories**

Item	Designation	Description
<b>General</b>		
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

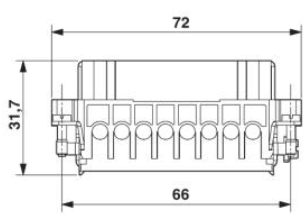
**Diagrams/Drawings**

Diagram

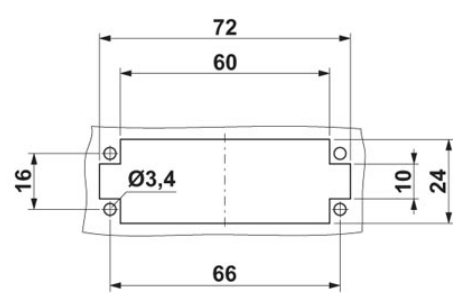


Derating diagram: HC-A...C series

Dimensioned drawing



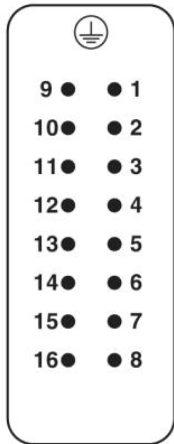
Female insert



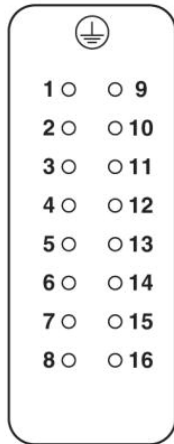
Panel cutout

Schematic diagram

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Connector pin assignment, connection side



**Address**

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