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Extract from the online catalog

HC-A 16-ESTC

Order No.: 1677034


The illustration shows version HC-A 16-ESTS



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1677034>

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

Commercial data

GTIN (EAN)	 4 017918 129651
sales group	D014
Pack	10 pcs.
Customs tariff	85366990
Catalog page information	Page 425 (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 / HC-D 50 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

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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 ² ... 4 mm ²
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



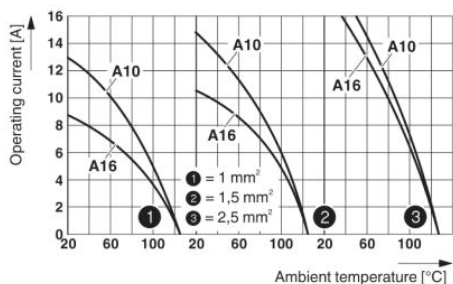
Certification

CSA, GOST, UL

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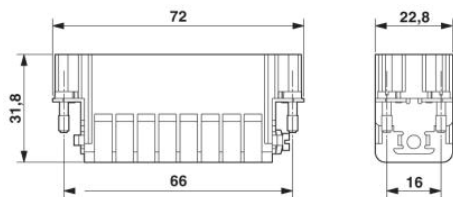
Diagrams/Drawings

Diagram

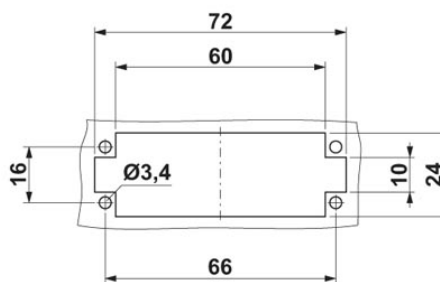


Derating diagram: HC-A...C series

Dimensioned drawing

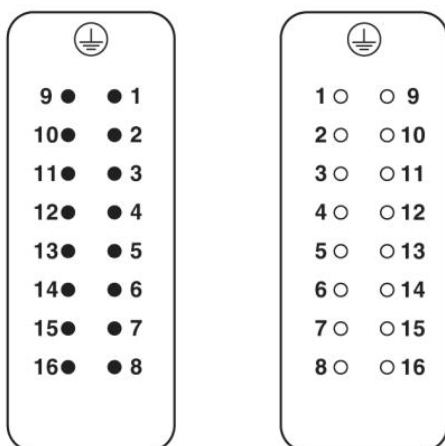


Male insert



Panel cutout

Schematic diagram



Connector pin assignment, connection side

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