

HC-A 16-ESTS

Order No.: 1677021

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1677021>

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

Commercial data

GTIN (EAN)	 4 017918 129644
sales group	D014
Pack	10 pcs.
Customs tariff	85366990
Catalog page information	Page 423 (PC-2009)

Product notes

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

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Technical data

General data

Note	For HC-D25 / HC-D 50 housing
Connection method	Screw connection
Tightening torque	0.5 Nm

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 mm² ... 2.5 mm²
Connection cross-section AWG	20 ... 14
Stripping length of the individual wire	7 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
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

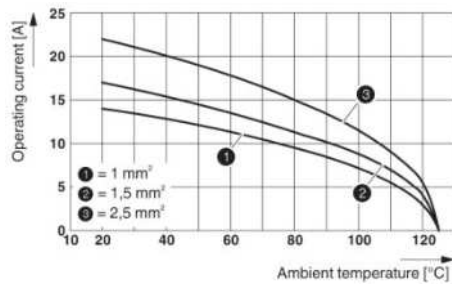
Item	Designation	Description
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General

1584868	HC-A-PES	PE screw for contact inserts of A series
1772722	HC-CB	Coding pin, prevents mismating 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

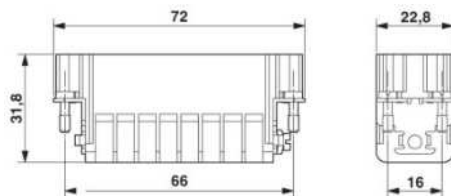
Diagrams/Drawings

Diagram

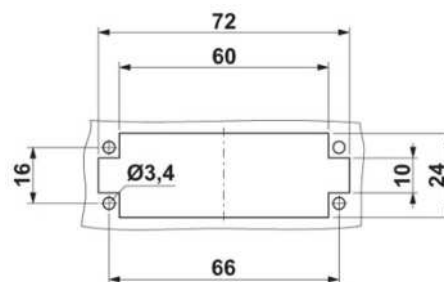


Derating diagram: Series HC-A 16...S

Dimensioned drawing

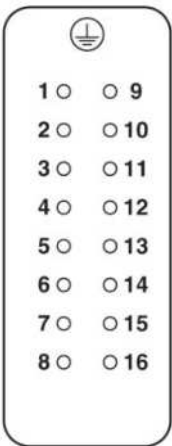
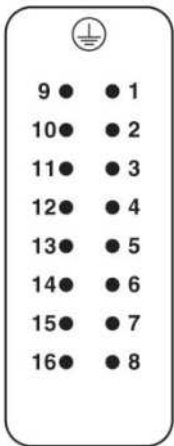


Male insert



Panel cutout

Schematic diagram



Connector pin assignment, connection side

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