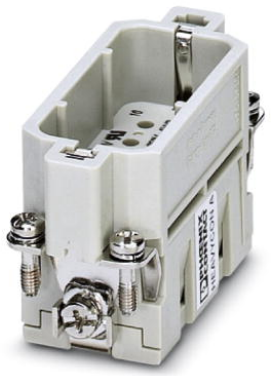
Extract from the online catalog

HC-A 10-ESTC

Order No.: 1676996

The illustration shows version HC-A 10-ESTS



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1676996

HEAVYCON male insert, A10 series, 10-pos., crimp connection

Commercial data	
GTIN (EAN)	4 017918 129613
sales group	D014
Pack	10 pcs.
Customs tariff	85366990
Catalog page information	Page 424 (PC-2009)

Product notes

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

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 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	10
Insertion/withdrawal cycles	≥ 500
Design	A10
Connection in acc. with standard	IEC / EN
Conductor cross-section	0.5 mm² ... 4 mm²
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

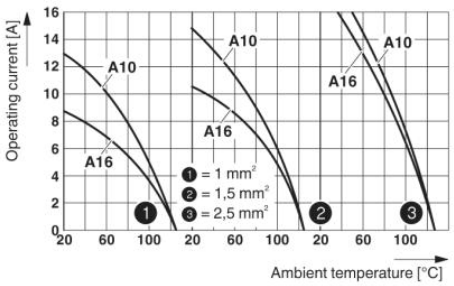
Certification	CSA, GOST, UL

Accessories

Item	Designation	Description
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

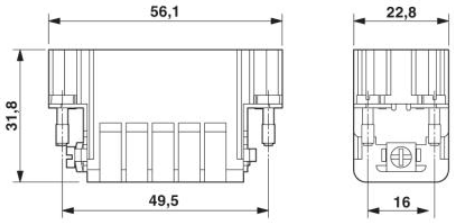
Diagrams/Drawings

Diagram

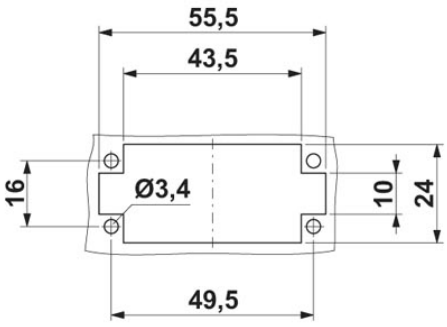


Derating diagram: HC-A...C series

Dimensioned drawing

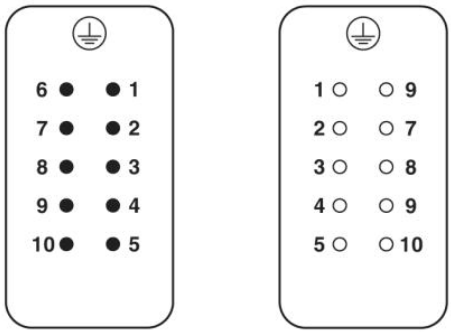


Male insert



Panel cutout

Schematic diagram



Connector pin assignment, connection side

Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057,USA
Phone (800) 888-7388
Fax (717) 944-1625
http://www.phoenixcon.com

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