


# HC-A 3-ESTS

Order No.: 1773080




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1773080>

HEAVYCON male insert, A3 series, 3-pos., screw connection without wire protection

Commercial data	
GTIN (EAN)	
sales group	D014
Pack	10 pcs.
Customs tariff	85366990
Catalog page information	Page 422 (PC-2009)

**Product notes**

WEEE/RoHS-compliant since: 01/31/2006



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## Technical data

General data	
Note	For housing HC-D7
Connection method	Screw connection
Tightening torque	0.25 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	3
Insertion/withdrawal cycles	≥ 500
Design	A3
Connection in acc. with standard	IEC / EN
Conductor cross-section	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Connection cross-section AWG	20 ... 16
Stripping length of the individual wire	5 mm
Assembly instructions	Connectors may only be actuated 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)	230 V (Conductor-PE)
	400 V (Conductor-Conductor)
Rated surge voltage	4 kV
Rated current	10 A

**Certificates / Approvals**

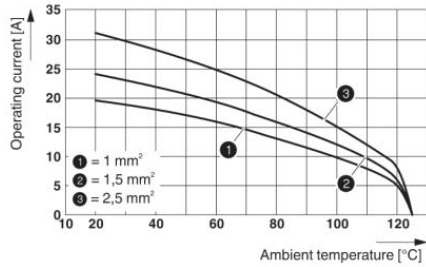


Certification

CSA, GOST, UL

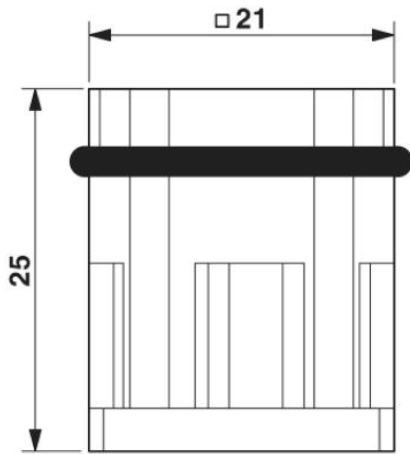
**Diagrams/Drawings**

Diagram



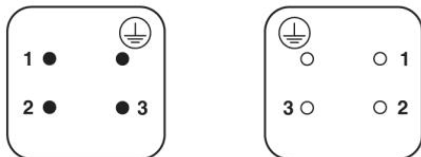
Derating diagram: Series HC-A 3-E..S / HC-A 4-E..S

Dimensioned drawing



Male insert

Schematic diagram



Connector pin assignment connection side: Left pin; right socket

**Address**

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