Extract from the online catalog

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)	4 017918 122300
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

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 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 mm² ... 1.5 mm²
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

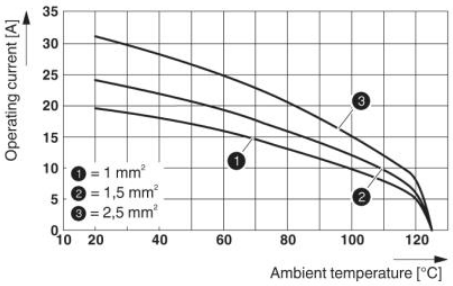
Rated voltage (III/3)	230 V (Conductor-PE)
	400 V (Conductor-Conductor)
Rated surge voltage	4 kV
Rated current	10 A

Certificates / Approvals

Certification	CSA, GOST, UL

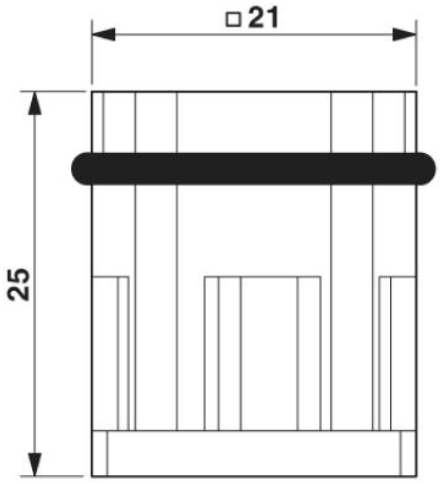
Diagrams/Drawings

Diagram



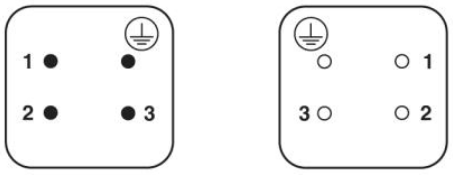
Derating diagram: Series HC-A 3-E..S / HC-A 4-E..S

Dimensioned drawing



Male insert

Schematic diagram



Connector pin assignment connection side: Left pin; right socket

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