

HC-A 3-EBUS

Order No.: 1773093

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1773093>HEAVYCON female insert, A3 series, 3-pos., screw connection
without wire protection

Commercial data

EAN	4017918122294
Pack	10 pcs.
Customs tariff	85366990
Weight/Piece	0.01703 KG
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 ² ... 1.5 mm ²
Connection cross section AWG	20 ... 16
Stripping length of the individual wire	5 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)	230 V (Conductor-PE)
	400 V (Conductor-Conductor)
Rated surge voltage	4 kV
Rated current	10 A

Certificates / Approvals



Certification CSA, GOST, UL

CSA

Nominal voltage U _N	600 V
Nominal current I _N	10 A

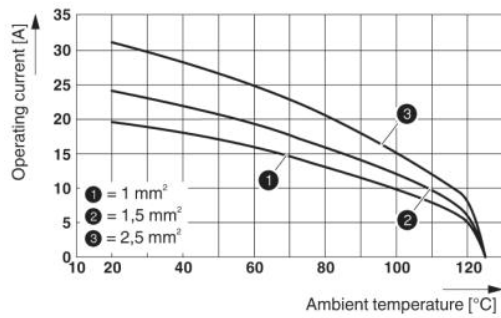
UL

AWG/kcmil

20-13

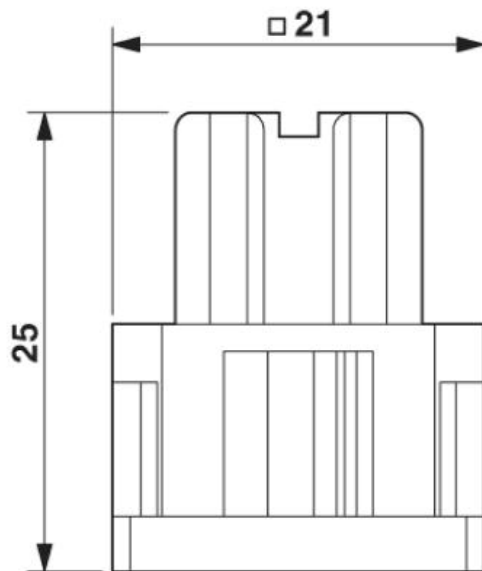
Diagrams/Drawings

Diagram



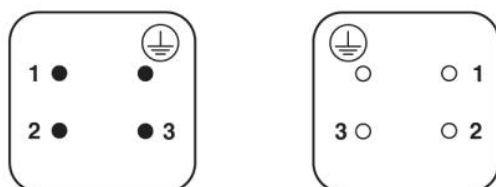
Derating diagram: Series HC-A 3-E..S / HC-A 4-E..S

Dimensioned drawing



Female insert

Schematic diagram



Connector pin assignment connection side: Left pin; right socket

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