

## Contact insert - HC-A 3-EBUS - 1773093

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



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 122294
GTIN	4017918122294
Weight per Piece (excluding packing)	17.160 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	For housing HC-D7
Connection method	Screw connection
Tightening torque	0.25 Nm
Degree of pollution	3
Overvoltage 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+PE

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### Technical data

#### General

Insertion/withdrawal cycles	≥ 500
Size	D7
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 be operated only when there is no load/voltage.

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)
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#### Material data

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA

#### Electrical characteristics

Rated voltage for power contacts	230/400 V
Rated voltage (III/3)	230 V (Conductor-PE) 400 V (Conductor-Conductor)
Rated surge voltage	4 kV
Rated current	16 A

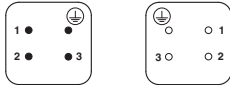
#### Standards and Regulations

Connection in acc. with standard	IEC / EN CSA
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
Flammability rating according to UL 94	V0

### Drawings

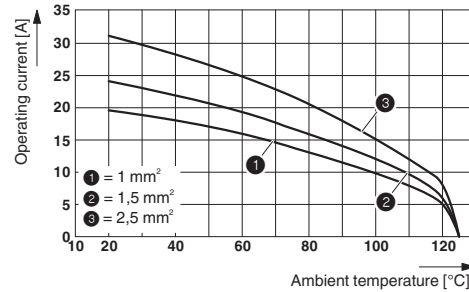
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Schematic diagram



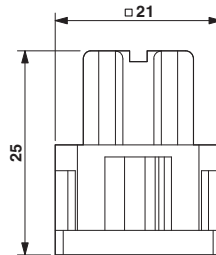
Connector pin assignment connection side: Left pin; right socket

Diagram



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

Dimensional drawing



Female insert

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals


Approval details


CSA <a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/212533">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/212533</a>	
mm²/AWG/kcmil	20-13
Nominal current I <sub>N</sub>	10 A

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### Approvals


Nominal voltage UN	600 V
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Nominal voltage UN	600 V

cUL Recognized  <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> FILE E 118976	
Nominal voltage UN	600 V

EAC 7500651.22.01.00246
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EAC EAC-Zulassung
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