

Contact insert - HC-B 10-EBUS - 1771202

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HEAVYCON female insert, B10 series, 10-pos., screw connection



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 035945
GTIN	4017918035945
Weight per Piece (excluding packing)	80.420 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	For housing HC-B10
Connection method	Screw connection
Tightening torque	0.5 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	10+PE

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Technical data

General

Insertion/withdrawal cycles	≥ 500
Size	B10
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm ² ... 2.5 mm ² (Applies to stranded conductors with ferrules)
	0.5 mm ² ... 4 mm ² (PE screw)
Connection cross section AWG	20 ... 14
	20 ... 12 (PE screw)
Stripping length of the individual wire	7 mm
Assembly instructions	Connectors may be operated only when there is no load/voltage.
Connection	For housings of type B10.

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 (III/3)	500 V
Rated surge voltage	6 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

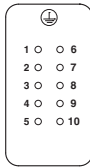
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

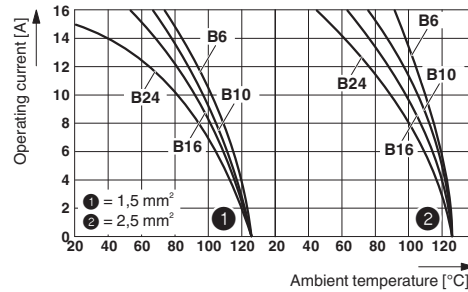
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Schematic diagram



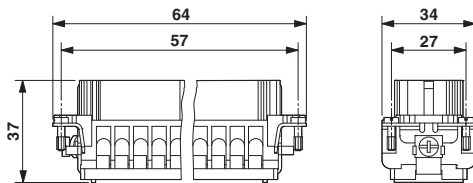
Connector pin assignment, connection side

Diagram



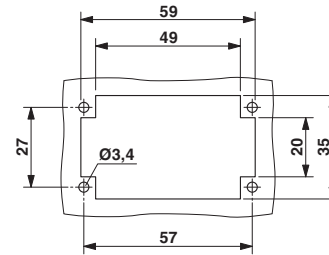
Derating diagram: Series HC-B...S / HC-B...C

Dimensional drawing



Female insert

Dimensional drawing



Panel cutout

Approvals

Approvals

Approvals

CSA / UL Recognized / EAC / EAC

Ex Approvals


Approval details

CSA http://www.csagroup.org/services/testing-and-certification/certified-product-listing/212533	
mm²/AWG/kcmil	20-13
Nominal current IN	16 A

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Approvals

Nominal voltage UN	600 V
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UL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 118976	
mm ² /AWG/kcmil	18-12
Nominal current I _N	15 A
Nominal voltage UN	600 V

EAC EAC-Zulassung

EAC 7500651.22.01.00246
