

Contact insert - HC-BB32-I-CT-F 33-64 - 1406543

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HEAVYCON socket insert, series: BB32, pos. marking: 33 ... 64, 32-pos., crimp connection, with plastic coding profile, can be coded

Why buy this product

- For fast coding with plastic profile (Order No. 1410916, type CP-HC-S)

Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356926317

Technical data

General

Connection method	Crimp connection
Degree of pollution	3
Overvoltage category	III
Number of positions	32+PE
Insertion/withdrawal cycles	≥ 500
Size	B16
Contact numbering	33 - 64
Conductor cross section	0.5 mm ² ... 4 mm ²
Connection cross section AWG	20 ... 12
Stripping length of the individual wire	7.5 mm
Assembly instructions	- Housing heights of h ≥ 72 mm are recommended when there is a high number of wires.
Connection	Connectors may only be inserted when there is no load/the power is switched off. Contact release by means of CK2,5-EWZ (Order No. 1662722)

Ambient conditions

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

Contact material	Copper alloy
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Contact surface material	Ag (alternatively Au)
Contact carrier material	PC
Standards/regulations	PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

Electrical characteristics

Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A (power contacts)

Standards and Regulations

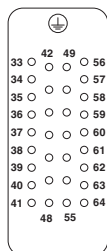
Flammability rating according to UL 94	V0
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Environmental Product Compliance

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

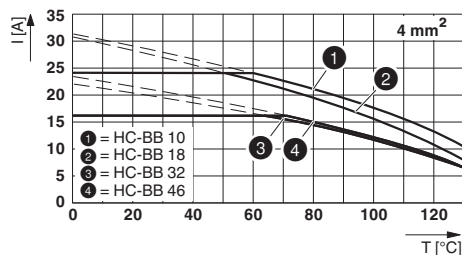
Drawings

Schematic diagram



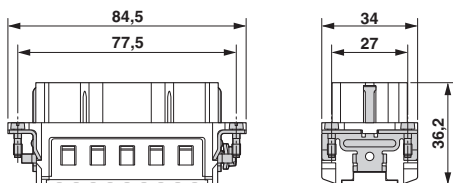
Connector pin assignment, connection side

Diagram



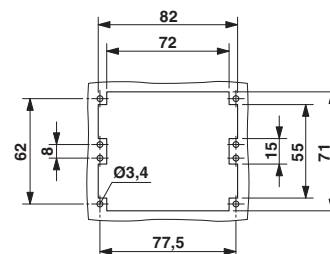
Derating diagram (conductor cross section: 4.0 mm²)

Dimensional drawing



Female insert

Dimensional drawing



Mounting cutout when used without housing

Approvals

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Approvals

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UL Recognized / CSA / GL / EAC

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN	600 V		
Nominal current IN	16 A		
mm ² /AWG/kcmil	12		

CSA		http://www.csagroup.org/services-industries/product-listing/	013631_0_000
Nominal voltage UN	600 V		
Nominal current IN	13.5 A		
mm ² /AWG/kcmil	12		

GL		http://exchange.dnv.com/tari/	6196614 HH
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EAC		RU C- DE.AI30.B.01102	
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