

Contact insert - HC-BB32-I-CT-F - 1584745

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

Your advantages

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



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356149266

Technical data

General

Note	For HC-B16 housing, crimp contacts CK 2,5-ED (crimp contacts not included in scope of supply)
	Connectors may be operated only when there is no load/voltage.
Connection method	Crimp connection
Degree of pollution	3
Overvoltage category	III
Number of positions	32+PE
Insertion/withdrawal cycles	≥ 500
Size	B16
Contact numbering	1 - 32
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
Minimum housing height	72 mm
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required

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Technical data

General

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)
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Ambient conditions

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

Contact material	Copper alloy
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

Standards and Regulations

Flammability rating according to UL 94	V0
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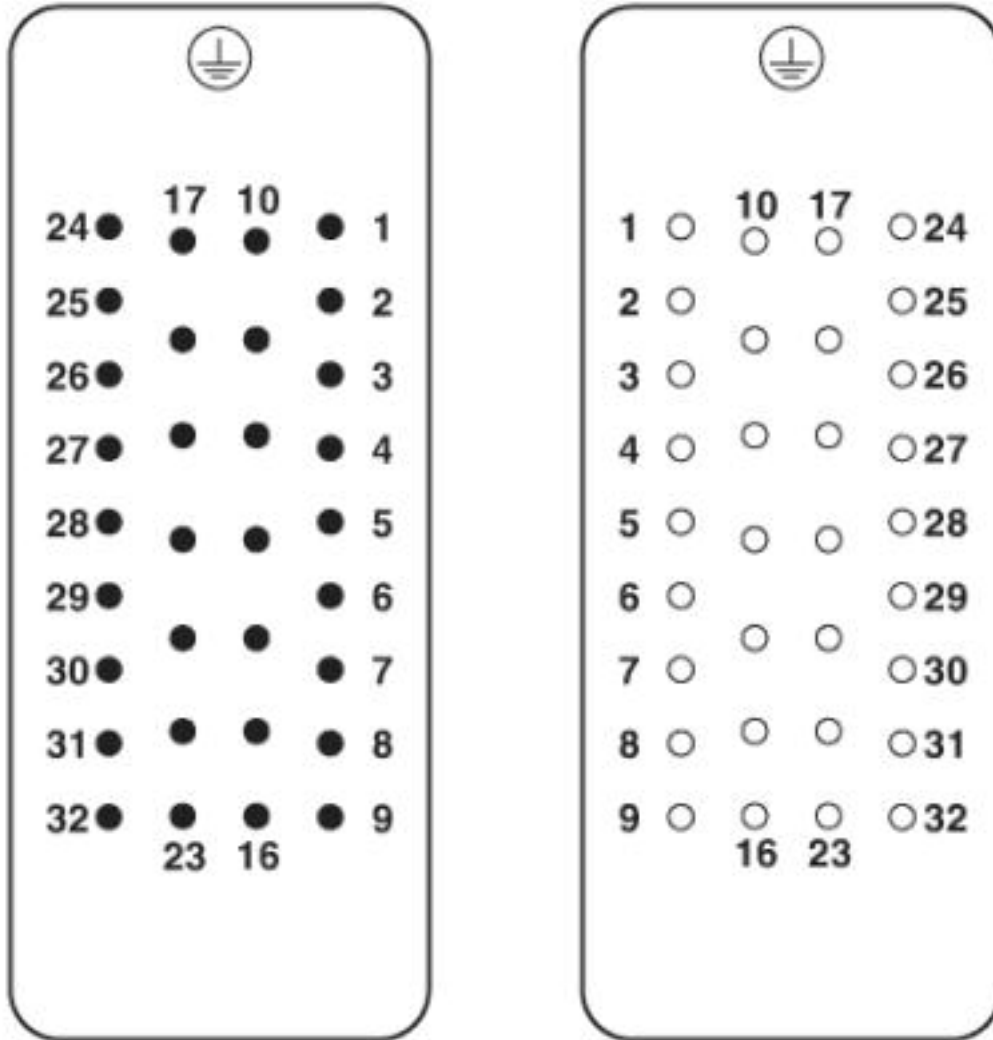
Environmental Product Compliance

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

Drawings

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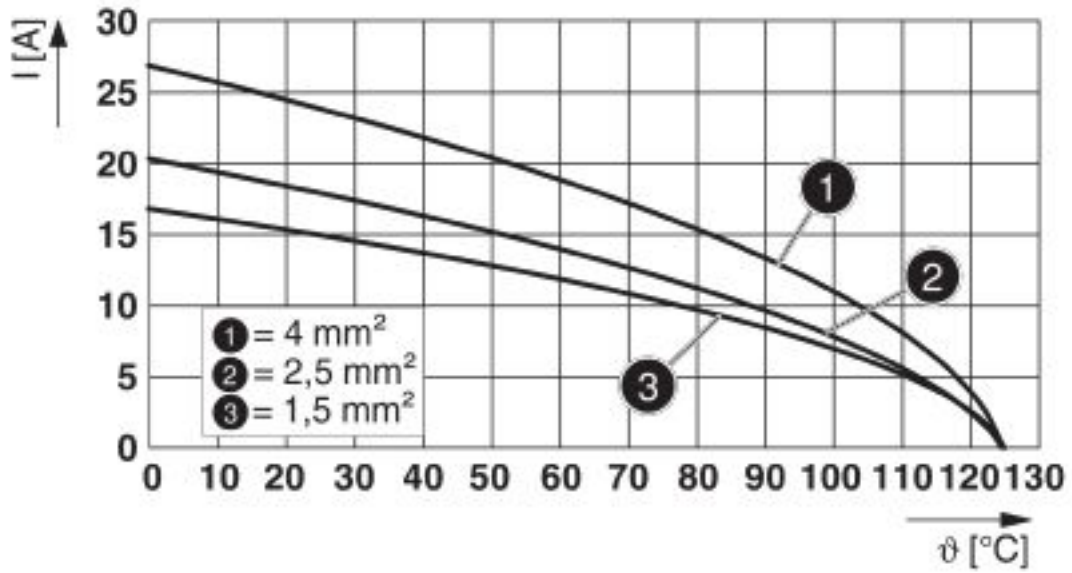
Schematic diagram



Connector pin assignment: Left pin - right socket

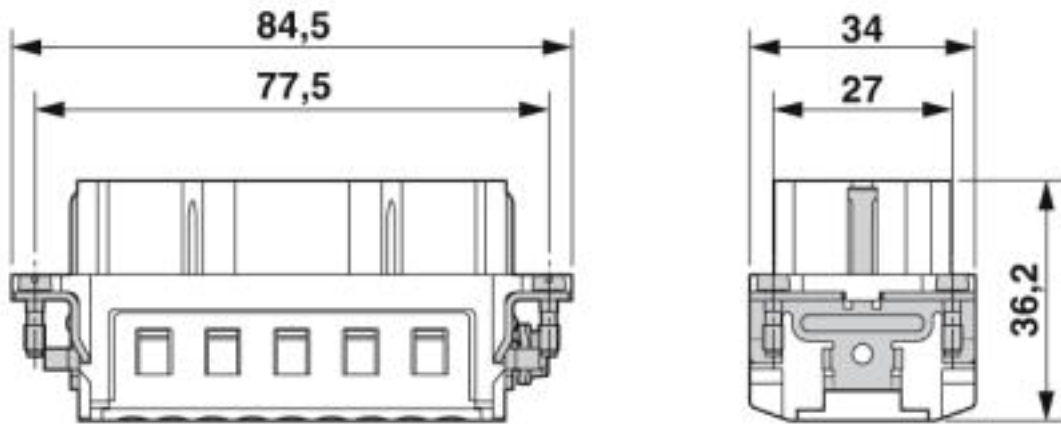
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Diagram



Derating diagram

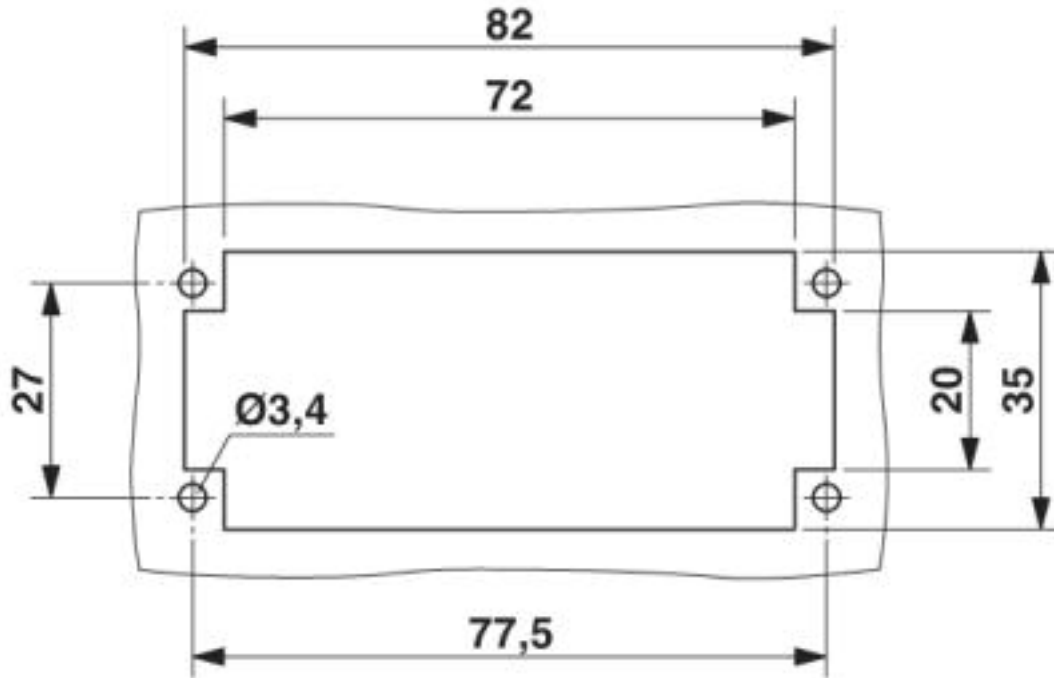
Dimensional drawing



Female insert

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Dimensional drawing



Mounting cutout when used without housing

Approvals

Approvals

Approvals

CSA / UL Recognized / EAC / DNV GL


Ex Approvals

Approval details


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		

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Approvals

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

EAC		RU C- DE.AI30.B.01102
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DNV GL		https://approvalfinder.dnvgl.com/	TAE000037S
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