

Contact insert - HC-BBB 64-ESTC - 1409901

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HEAVYCON pin insert, BBB 64 series, 64-pos., crimp connection



Key Commercial Data

Packing unit	1 pc
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Connection method	Crimp connection
Degree of pollution	3
Overvoltage category	III
Number of positions	64+PE
Insertion/withdrawal cycles	≥ 500
Size	B24
Connection in acc. with standard	IEC / EN
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 be plugged in 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

Contact insert - HC-BBB 64-ESTC - 1409901

Technical data

Material data

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

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
	UL
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 3.0	EC000796
ETIM 4.0	EC000437
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Contact insert - HC-BBB 64-ESTC - 1409901

Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / EAC / GL / cULus Recognized

Ex Approvals

Approvals submitted


Approval details

UL Recognized 	
mm ² /AWG/kcmil	12
Nominal voltage UN	500 V

cUL Recognized 	
mm ² /AWG/kcmil	12
Nominal voltage UN	500 V

EAC

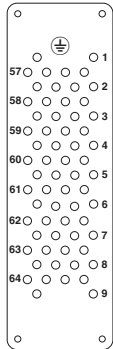
GL

cULus Recognized 
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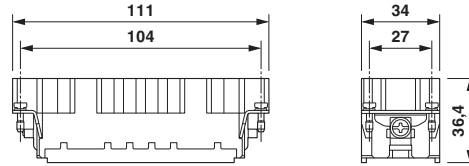
Drawings

Contact insert - HC-BBB 64-ESTC - 1409901

Schematic diagram



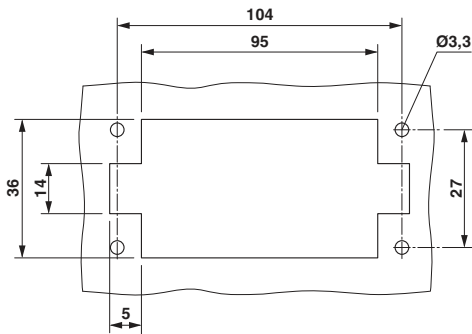
Dimensional drawing



Dimensional drawing

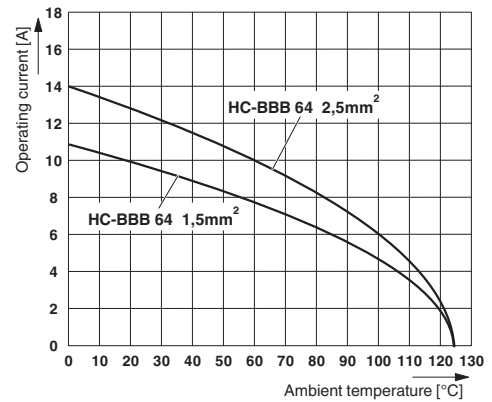
Connector pin assignment, connection side

Dimensional drawing



Panel cutout

Diagram



Derating diagram