


Contact insert - HC-B 6-EBUS - 1771011

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HEAVYCON female insert, B6 series, 6-pos., screw connection



Key commercial data

Packing unit	10 pc
GTIN	 4 017918 035754
Weight per Piece (excluding packing)	52.34 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	For housing HC-B6
Connection method	Screw connection
Tightening torque	0.5 Nm
Pollution degree	3
Surge voltage 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	6+PE
Insertion/withdrawal cycles	≥ 500
Type	B6
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm ² ... 2.5 mm ²
	0.5 mm ² ... 4 mm ² (PE screw)
Connection cross section AWG	20 ... 14

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Technical data

General

	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.

Ambient conditions

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

Inflammability class 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

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	27440209

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

UNSPSC

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

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Approvals

Approvals


Approvals


CSA / UL Recognized / GOST


Ex Approvals

Approvals submitted

Approval details

CSA 	
mm ² /AWG/kcmil	20-13
Nominal current I _N	16 A
Nominal voltage U _N	600 V

UL Recognized 	
mm ² /AWG/kcmil	18-12
Nominal current I _N	15 A
Nominal voltage U _N	600 V

GOST 	
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Accessories

Accessories

Adapter plate

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Accessories

Adapter plate - HC-B 24-ADP-B 6-GY - 1660407



HEAVYCON adapter plate, type B24 on B6, for panel cutouts of type B24, gray

Coding element

Coding element - HC-CBU - 1676860



Coding socket for coding up to 16 connectors

Coding bolt - HC-CB - 1772722



Coding pin, prevents mismatching of up to six connectors with an identical number of positions

Coding element - HC-CST - 1676857



Coding peg for coding up to 16 connectors

Docking frame

Docking frames - HC-B 6-ANDOCK - 1586112



Docking frames for racks, for type B6 contact inserts, with 4 M5 flat headed screws, slide-in offset for x/y axis of ± 1.5 mm

Mounting material

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Accessories

Screw - HC-B-PES - 1604997



PE screw, for contact inserts HC-B / HC-BB / HC-DD / HC-D40 / HC-D64

PE multiplier - HC-B-3PE - 1644326



PE multiplier, for three PE connections, for HC-B (besides HC-B..E..ZZ) / HC-BB / HC-DD / HC-D40 / HC-D64 contact inserts

Strain relief clamp - HC-B-ZG - 1685327



Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, straight cable exit

Strain relief clamp - HC-B-ZS - 1685330



Strain relief clamps contact inserts of series: B-, BB-, D 40, D 64, DD and HV, lateral cable exit

Plug assembly frame

Connector assembly frame - HC-SMR-2B 6 - 1687998



HEAVYCON connector assembly frame, for two contact inserts of type B6

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Accessories

Connector assembly frame - HC-SMR-B 6 - 1687956



HEAVYCON plug assembly frame, for type B6 contact inserts

Plug mounting plate

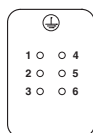
Connector assembly frame - HC-SMP 125-B 6-AML - 1660957



HEAVYCON connector assembly frame with panel mounting base with single locking latch, for contact inserts of type B6

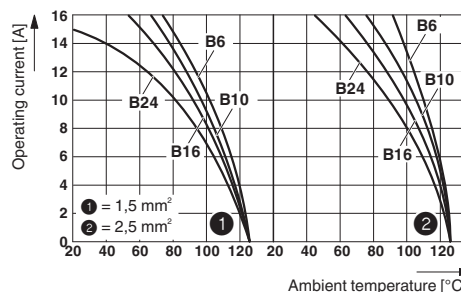
Drawings

Schematic diagram



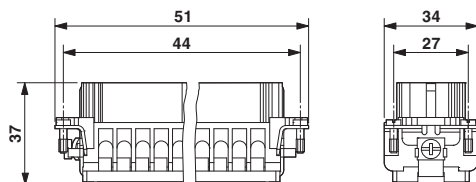
Connector pin assignment, connection side

Diagram



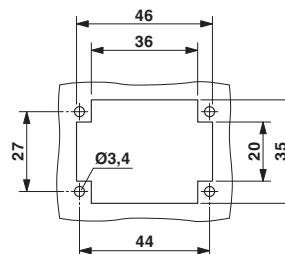
Derating diagram: Series HC-B...S / HC-B...C

Dimensioned drawing



Female insert

Dimensioned drawing



Panel cutout

