

Contact insert - HC-B 06-I-PT-F - 1407727

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HEAVYCON socket insert, B6 series, 6 + PE-pos., push-in connection

Why buy this product

- ✓ For fast coding with plastic profile
- ✓ Conductor connection without tools
- ✓ Significant time savings during conductor connection
- ✓ Test connection for 2 mm test plug



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 777520
Weight per Piece (excluding packing)	51.8 g
Custom tariff number	85366990
Country of origin	China

Technical data

General

Note	For HEAVYCON ADVANCE and HEAVYCON housing of B6 type. Plug-in connections may only be operated only when there is no load/voltage.
Connection method	Push-in connection
Pollution degree	3
Surge voltage category	III
Number of positions	6+PE
Insertion/withdrawal cycles	≥ 500
Type	B6
Conductor cross section	0.14 mm ² ... 2.5 mm ²
Connection cross section AWG	26 ... 14
Stripping length	8 mm ... 10 mm

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Technical data

General

Assembly instructions	Coding also using the CP-HC (1686478) coding profiles. HC-B6../ HC-B10..for two coding profiles. HC-B16../ HC-B24..for four coding profiles.
Connection	Connectors may only be operated when there is no load/the power is switched off. Can be used for solid wires and stranded wires with ferrule.

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/Sn (tarnish protection)
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	272607xx
eCl@ss 4.1	27260701
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

ETIM

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 / EAC

Ex Approvals

Approvals submitted

Approval details

CSA 	
mm ² /AWG/kcmil	14
Nominal current I _N	13 A
Nominal voltage U _N	600 V

UL Recognized 	
mm ² /AWG/kcmil	14
Nominal current I _N	13 A
Nominal voltage U _N	600 V

EAC

Accessories

Accessories

Adapter plate

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



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

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Accessories

Coding element

Coding profile - CP-HC - 1686478



Encoding profile, 4 encoding profiles per strip, 40 strips per unit pack, for insertion in encoding grooves

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

Contact insert - HC-B 06-I-PT-F - 1407727

Accessories

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



HEAVYCON plug assembly frame, for type B6 contact inserts

Plug mounting plate

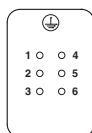
Connector assembly frame - HC-SMP 125-B 6-AML - 1660957



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

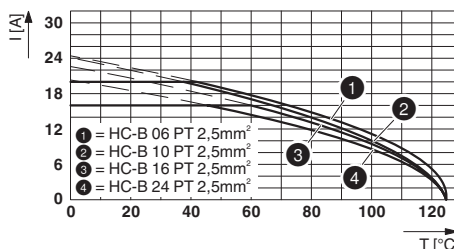
Drawings

Schematic diagram



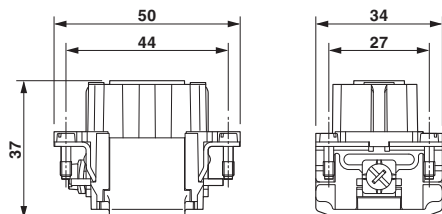
Connector pin assignment, connection side

Diagram



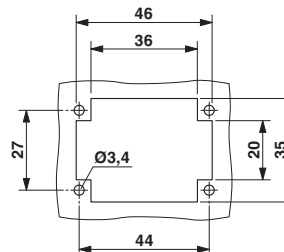
Derating diagram for 2.5 mm²

Dimensioned drawing



Dimensional drawing

Dimensioned drawing



Mounting cutout when used without housing