

# Terminal adapter - HC-B 6-A-DT-PEL-M - 1648364

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HEAVYCON terminal adapter, pin insert, B6 series, 6-pos., for the left side of the control cabinet, push-in connection



## Key commercial data

Packing unit	10 pc
GTIN	 4 046356 092081
Weight per Piece (excluding packing)	73.87 g
Custom tariff number	85366990
Country of origin	China

## Technical data

### Dimensions

Drill hole distance, horizontal	44 mm
Height	70.5 mm

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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### Electrical characteristics

Note	For HEAVYCON-ADVANCE mounting flange and HEAVYCON panel mounting base of B6 type
Number of positions	6
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

### Mechanical characteristics

Type	B6
Connection method	Push-in connection
Stripping length of the individual wire	10 mm (13 mm if ferrules are used)
Conductor cross section	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>

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## Technical data

### Mechanical characteristics

Connection cross section AWG	22 ... 12
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### General

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA
Pollution degree	3
Surge voltage category	III
Inflammability class according to UL 94	V0
Assembly instructions	1) Insert ferrules. 0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> with insulating collar, length 10 mm, stripping length 13 mm, 2) Screwdriver SZF0-0,4x2,5 (similar to DIN 5264)
Installation instructions	Connectors may be plugged in only when there is no load/voltage.

## 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

### 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

## Approvals

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#### Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

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## Approvals

Ex Approvals

Approvals submitted

### Approval details

CSA	
mm <sup>2</sup> /AWG/kcmil	22-14
Nominal current I <sub>N</sub>	13 A
Nominal voltage U <sub>N</sub>	600 V

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	22-14
Nominal current I <sub>N</sub>	13 A
Nominal voltage U <sub>N</sub>	600 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	22-14
Nominal current I <sub>N</sub>	13 A
Nominal voltage U <sub>N</sub>	600 V

EAC
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cULus Recognized
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## Accessories

Accessories

Coding element

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### Accessories

Coding profile - CP-HC - 1686478



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

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Coding element - HC-CST - 1676857



Coding peg for coding up to 16 connectors

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Coding element - HC-CBU - 1676860



Coding socket for coding up to 16 connectors

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Coding bolt - HC-CB - 1772722



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

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### Labeled terminal marker

Zack marker strips off the roll, flat - ZBF-U CUS - 0828525



Zack marker strips off the roll, flat, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 5.15 x ... mm

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### Mounting material

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Foot element - HC-KA-FE - 1775240



Foot element, for mounting on DIN rail NS 32, DIN rail NS 35/7.5 or DIN rail NS 35/15, can be inserted between basic and side element

Locking screw barrel - HC-VSH - 1660083



Locking screw barrel, for a firm connection of contact inserts and DIN-rail mountable terminal adapters

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

### Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504

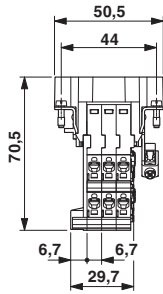


Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

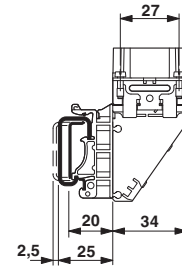
### Drawings

# Terminal adapter - HC-B 6-A-DT-PEL-M - 1648364

Dimensioned drawing



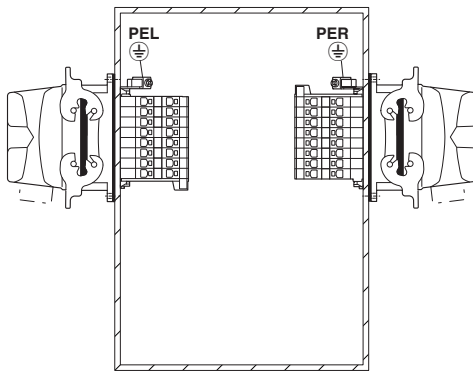
Dimensioned drawing



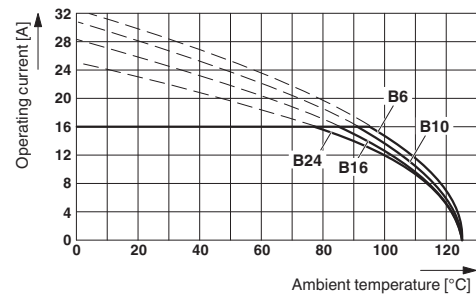
Dimensional drawing

Dimensional drawing, side view

Application drawing



Diagram



Derating diagram

Mounting position PE connection left/right (PEL/PER)