

Terminal adapter - HC-B 6-A-UT-PER-F - 1648066

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HEAVYCON terminal adapter socket insert, B6 series, 6-pos., for the right side of the control cabinet, screw connection.

Key commercial data

package_quantity	5
GTIN	4017918969691

Technical data

Dimensions

Drill hole distance, horizontal	44 mm
Height	74.2 mm

Ambient conditions

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

Note	For HEAVYCON ADVANCE panel mounting flange and HEAVYCON panel mounting base of type B6. Plug-in connections may only be operated only when there is no load/voltage.
Number of positions	6
Connection in acc. with standard	IEC / EN
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

Mechanical characteristics

Design	B6
Screw thread	M3
Connection method	Screw connection
Tightening torque	0.5 Nm ... 0.8 Nm
Stripping length of the individual wire	12 mm
Conductor cross section	0.5 mm ² ... 2.5 mm ²
Connection cross section AWG	20 ... 14

General

Contact material	Copper alloy
Contact surface material	Ag

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Technical data

General

Contact carrier material	PA
Pollution degree	3
Surge voltage category	III
Inflammability class according to UL 94	V0
Connection in acc. with standard	IEC / EN
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.
Installation instructions	Connectors may only be actuated 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	27440205
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

approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized /

Approval details

CSA 

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approvals

Nominal voltage UN	600 V
Nominal current IN	13 A
mm ² /AWG/kcmil	22-14

UL Recognized 	
Nominal voltage UN	600 V
Nominal current IN	13 A
mm ² /AWG/kcmil	22-14

cUL Recognized 	
Nominal voltage UN	600 V
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cULus Recognized 	
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accessories

Mounting material

HC-KA-FE - 1775240



HC-VSH - 1660083



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accessories

HC-B-PES - 1604997



HC-B-3PE - 1644326



Coding element

CP-HC - 1686478



HC-CST - 1676857



HC-CBU - 1676860



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accessories

HC-CB - 1772722



Terminal marking

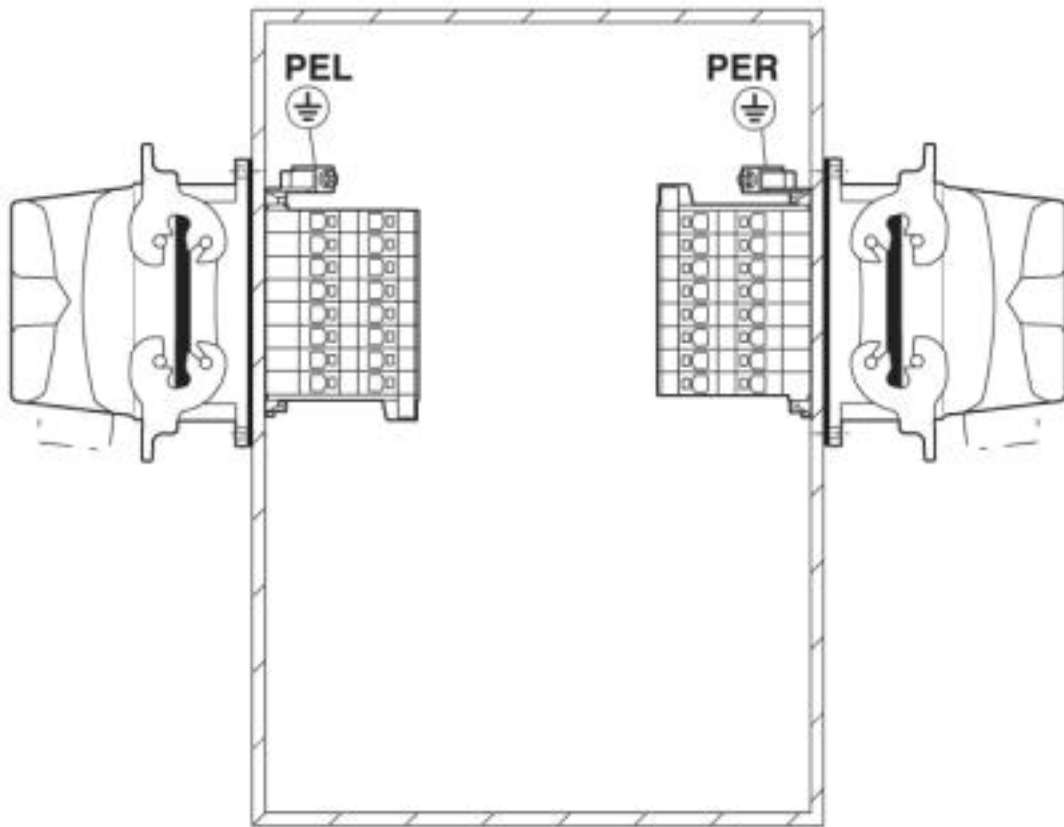
ZB 5 :UNBEDRUCKT - 1050004



Drawings

Terminal adapter - HC-B 6-A-UT-PER-F - 1648066

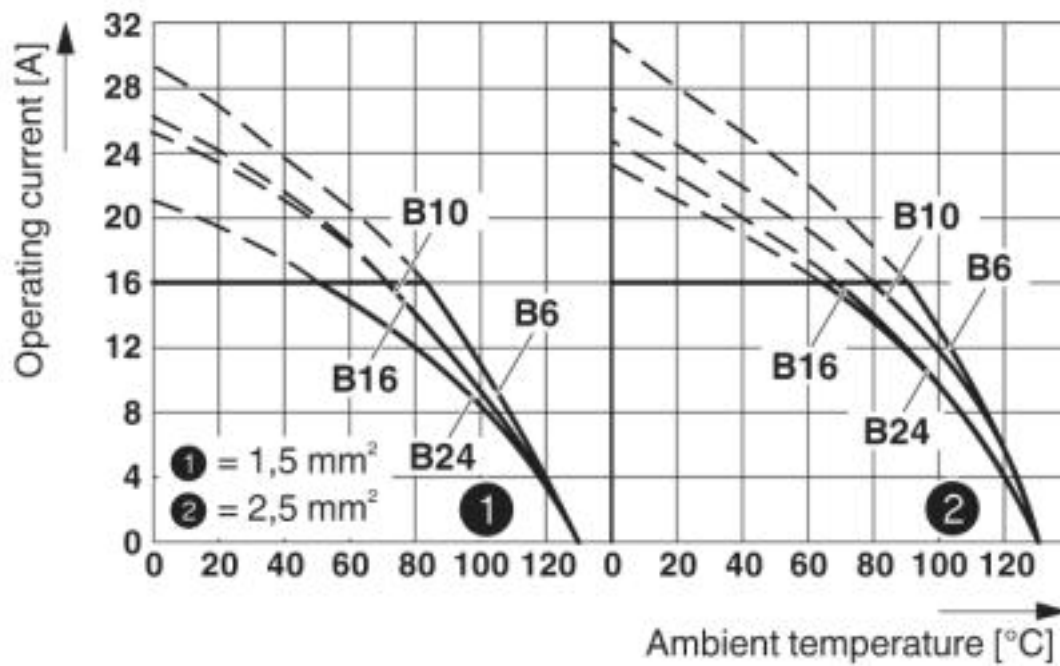
Application drawing



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

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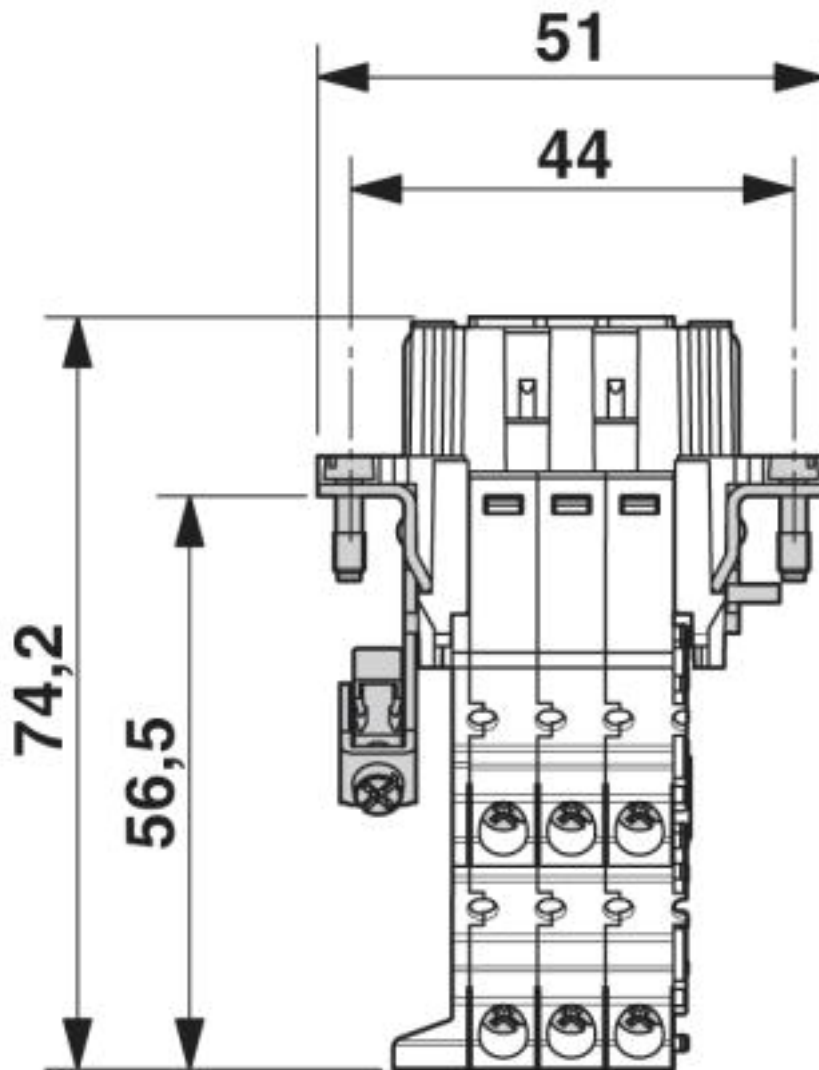
Diagram



Derating diagram

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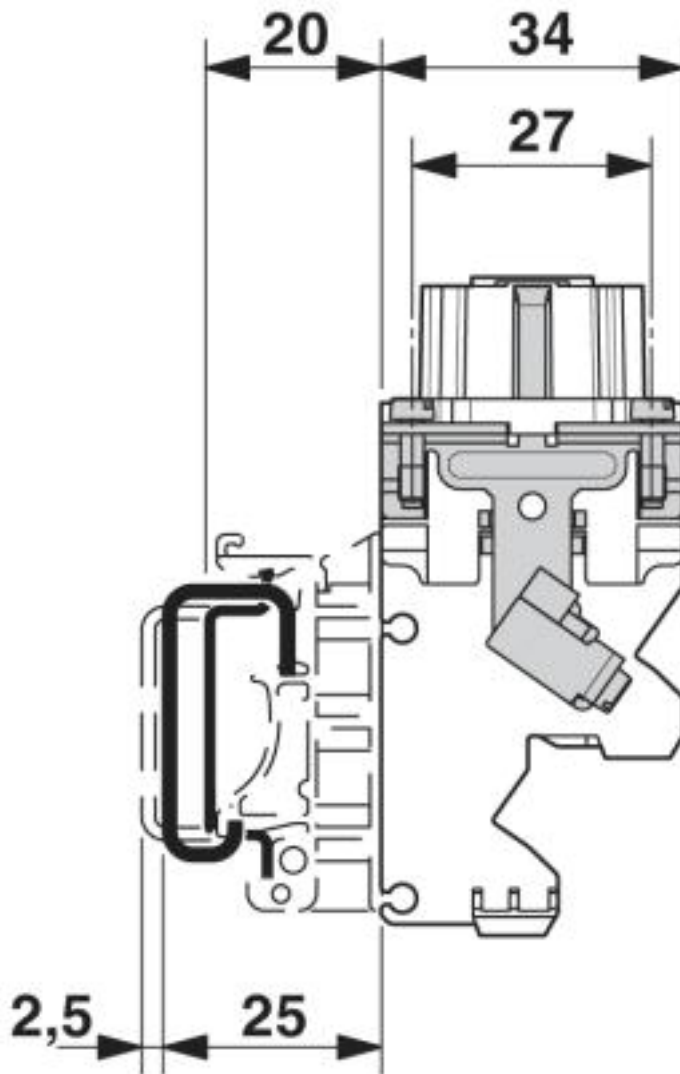
Dimensioned drawing



Connection side

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Dimensioned drawing



Side view

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