



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Terminal adapter - HC-B 16-A-UT-PEL-F - 1648042

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HEAVYCON terminal adapter, socket insert, B16 series, 16-pos., for the left control cabinet panel, screw connection

RoHS

Key Commercial Data

Packing unit	5 STK
GTIN	
GTIN	4017918969653

Technical data

Dimensions

Drill hole distance, horizontal	77.5 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 B16. Plug-in connections may only be operated only when there is no load/voltage.
Number of positions	16
Connection in acc. with standard	IEC / EN
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

Mechanical characteristics

Type	B16
Screw thread	M3
Connection method	Screw connection

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Technical data

Mechanical characteristics

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
Contact carrier material	PA
Standards/regulations	PA: Fire protection in rail vehicles - requirement sets R22 and R23 acc. to DIN EN 45545-2 (Risk level HL1 - HL2)
	PA: Fire protection in rail vehicles - requirement set R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
Degree of pollution	3
Overvoltage category	III
Flammability rating 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.

Standards and Regulations

Connection in acc. with standard	CSA
Constructional and testing regulations	DIN EN 61984
	DIN EN 60664
	IEC 60352
Flammability rating according to UL 94	V0

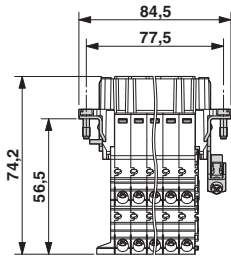
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

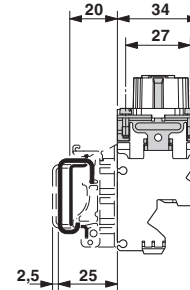
Terminal adapter - HC-B 16-A-UT-PEL-F - 1648042

Dimensional drawing



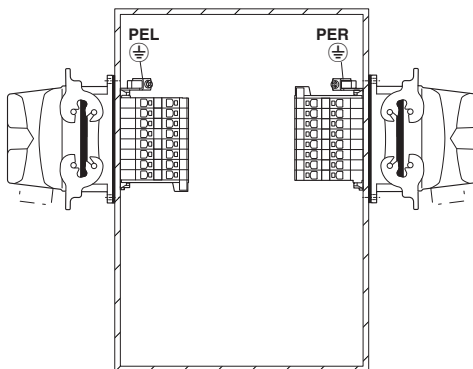
Connection side

Dimensional drawing



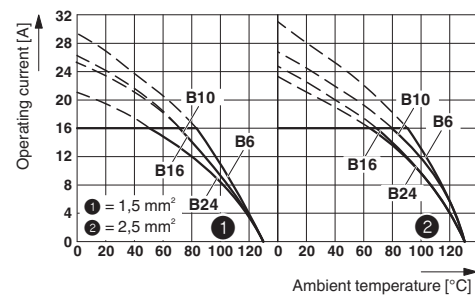
Side view

Application drawing



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

Diagram



Derating diagram

Approvals

Approvals

Approvals


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


Ex Approvals


Approval details

Terminal adapter - HC-B 16-A-UT-PEL-F - 1648042


Approvals

CSA		http://www.csagroup.org/services-industries/product-listing/	013631_6233_01
Nominal voltage UN		600 V	
Nominal current IN		13 A	
mm²/AWG/kcmil		22-14	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		600 V	
Nominal current IN		13 A	
mm²/AWG/kcmil		22-14	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		600 V	
Nominal current IN		13 A	
mm²/AWG/kcmil		22-14	

EAC		RU C- DE.AI30.B.01102
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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