

Terminal adapter - HC-B 16-A-DT-PEL-F - 1648432

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HEAVYCON terminal adapter socket insert, B16 series, 16-pos., for the left side of the control cabinet, push-in connection



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	136.95 g
Custom tariff number	85366990
Country of origin	China

Technical data

Dimensions

Drill hole distance, horizontal	77.5 mm
Height	72.1 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 B16 type
Number of positions	16
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

Mechanical characteristics

Type	B16
Connection method	Push-in connection
Stripping length of the individual wire	10 mm (13 mm if ferrules are used)

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Technical data

Mechanical characteristics

Conductor cross section	0.5 mm ² ... 2.5 mm ²
Connection cross section AWG	22 ... 12

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
Assembly instructions	1) Insert ferrules. 0.5 mm ² ... 2.5 mm ² 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.

Standards and Regulations

Order No.	1648432
Product key	BF7ADC
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

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	27440205

ETIM

ETIM 3.0	EC000438
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Classifications

ETIM

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

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

CSA	
mm ² /AWG/kcmil	22-14
Nominal current I _N	13 A
Nominal voltage U _N	600 V

UL Recognized	
mm ² /AWG/kcmil	22-14

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Approvals

Nominal current IN	13 A
Nominal voltage UN	600 V

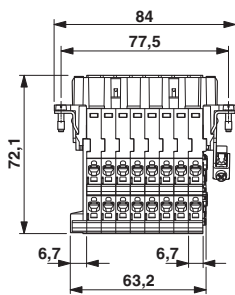
cUL Recognized	
mm ² /AWG/kcmil	22-14
Nominal current IN	13 A
Nominal voltage UN	600 V

EAC

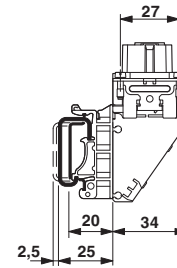
cULus Recognized

Drawings

Dimensional drawing



Dimensional drawing

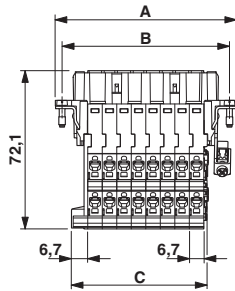


Dimensional drawing, side view

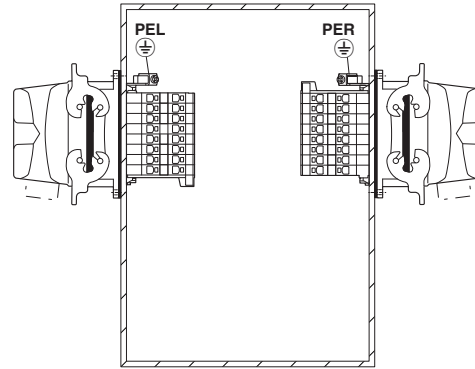
Dimensional drawing

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Dimensional drawing

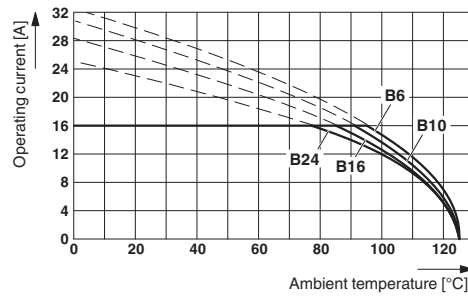


Application drawing



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

Diagram



Derating diagram