

Terminal adapter - HC-B 16-A-DT-PER-M - 1648461

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

Key commercial data

package_quantity	5
GTIN	4046356092180

Technical data

Dimensions

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

Mechanical characteristics

Design	B16
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 ² ... 2.5 mm ²
Connection cross section AWG	22 ... 12

General

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA
Pollution degree	3
Surge voltage category	III

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Technical data

General

Inflammability class according to UL 94	V0
Assembly instructions	1) Insert ferrules. 0.5 mm² ... 2.5 mm² 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
eCl@ss 8.0	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

CSA / UL Recognized / cUL Recognized / cULus Recognized /

Approval details

	
Nominal voltage UN	600 V
Nominal current IN	13 A
mm²/AWG/kcmil	22-14

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approvals

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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



Labeled terminal marker

ZBF-U CUS - 0828525



Screwdriver tools

SZF 0-0,4X2,5 - 1204504



accessories

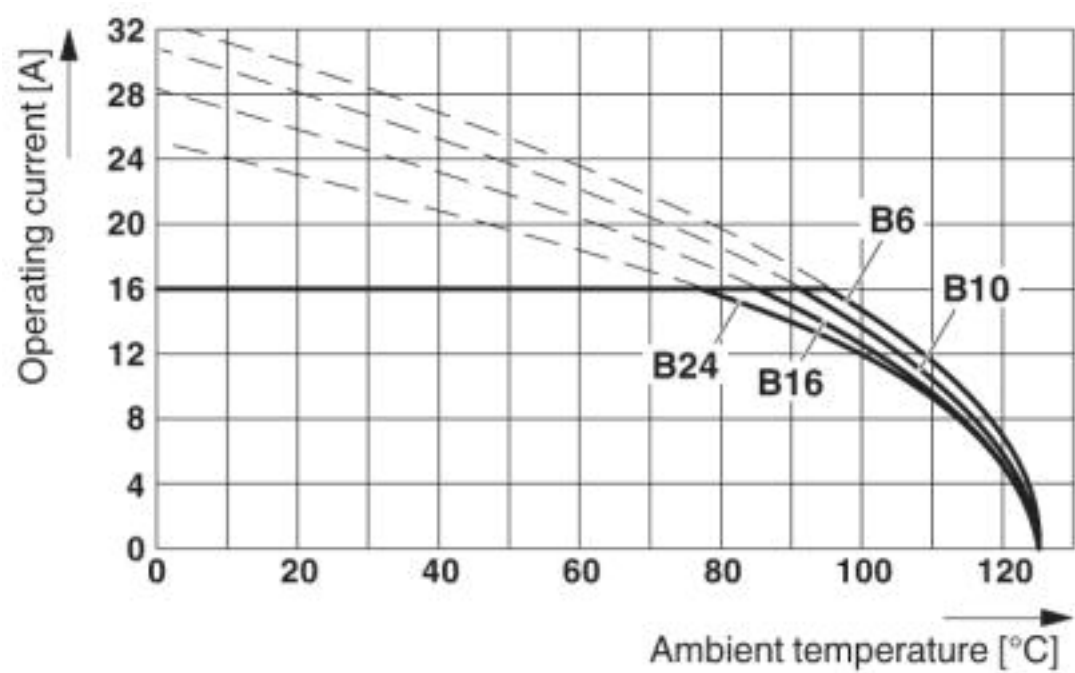
ZBF-U:SO/CMS - 0810779



Drawings

Terminal adapter - HC-B 16-A-DT-PER-M - 1648461

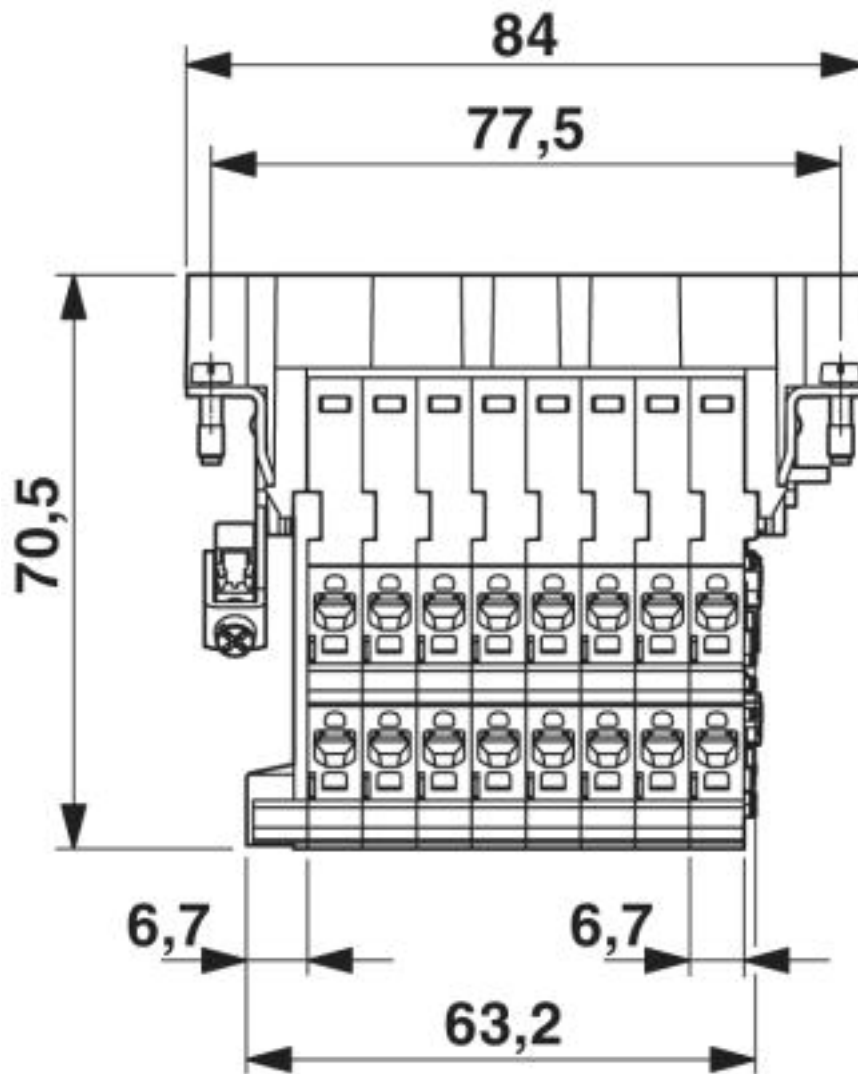
Diagram



Derating diagram

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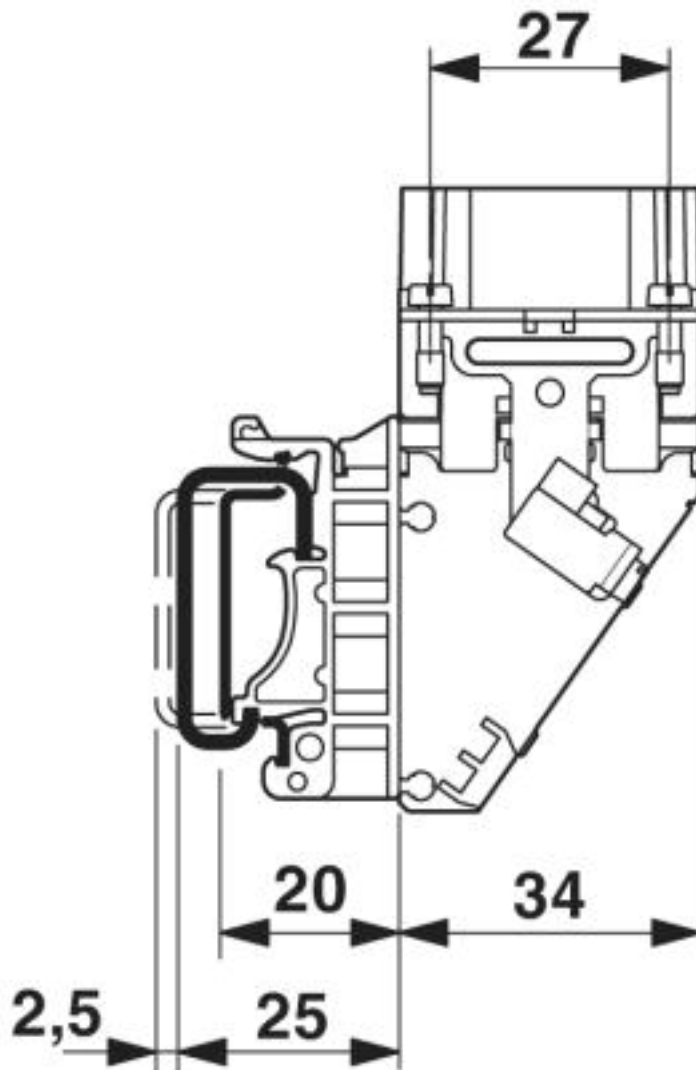
Dimensioned drawing



Dimensional drawing

Terminal adapter - HC-B 16-A-DT-PER-M - 1648461

Dimensioned drawing



Dimensional drawing, side view

Terminal adapter - HC-B 16-A-DT-PER-M - 1648461

Dimensioned drawing

