

# HC-D 64-A-UT-PEL-M - Terminal adapter



1584282

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HEAVYCON terminal adapter male insert, D64 series, 64-pos., right protective conductor connection for the left side of the control cabinet, screw connection

## Commercial data

Item number	1584282
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	31BBF
Product key	BF7ADE
Catalog page	Page 537 (C-2-2019)
GTIN	4046356142359
Weight per piece (including packing)	520 g
Weight per piece (excluding packing)	500 g
Customs tariff number	85366990
Country of origin	CN

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## Technical data

### Notes

General	For HEAVYCON-ADVANCE mounting flange and HEAVYCON panel mounting base of B24 type
General	Connectors may be operated only when there is no load/voltage.

### Product properties

Type	B24
Product type	Terminal adapter
Product family	HC-D
Number of positions	64
Connection profile	64+PE
Type	for the left side of the control cabinet
Series	HC-D
Screwdriver blade	0.5 x 3.5 mm

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	10 A
SCCR	5 kA (UL 2237)

### Connection data

#### Connection technology

Connection technology	Screw connection
Connection in acc. with standard	IEC / EN

#### Conductor connection

Conductor cross section	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection cross section AWG	22 ... 12
Tightening torque	0.5 Nm ... 0.8 Nm
Stripping length of the individual wire	10 mm

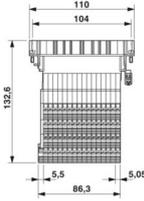
### Dimensions

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Dimensional drawing	
Width	34 mm
Height	132.6 mm
Length	110 mm
Drill hole distance, horizontal	104 mm
Drill hole distance, vertical	27 mm

## Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA
Standards/regulations	PA: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)

## Cable/line

Stripping length of the individual wire	10 mm
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## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 500
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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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## Standards and regulations

Constructional and testing regulations	DIN EN 61984
	DIN EN 60664
	IEC 60352
Tests	DIN EN 61984
	DIN EN 60664
	IEC 60352

### Testing

Standards/regulations	PA: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
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## Mounting

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Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required
	Not for HC-EVO panel mounting bases
	Not for HC-EVO panel mounting bases
	Not for HC-B 24-AMQ-EMV housings

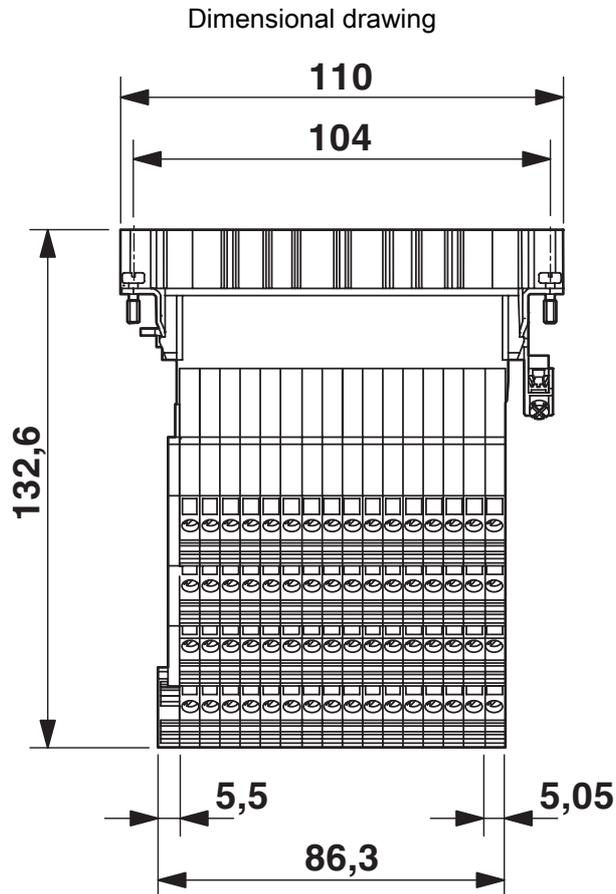
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## Drawings



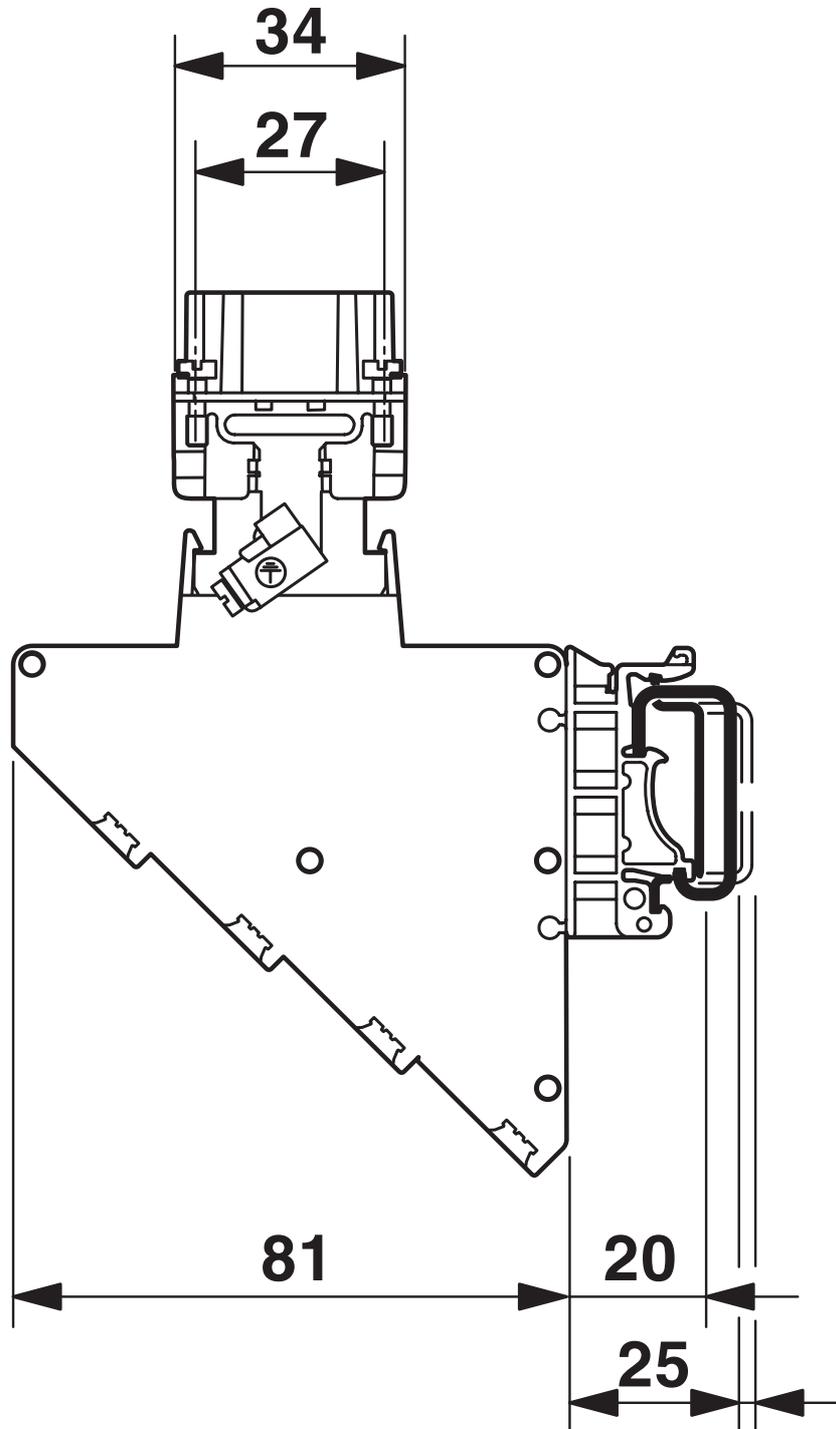
Dimensional drawing

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Dimensional drawing

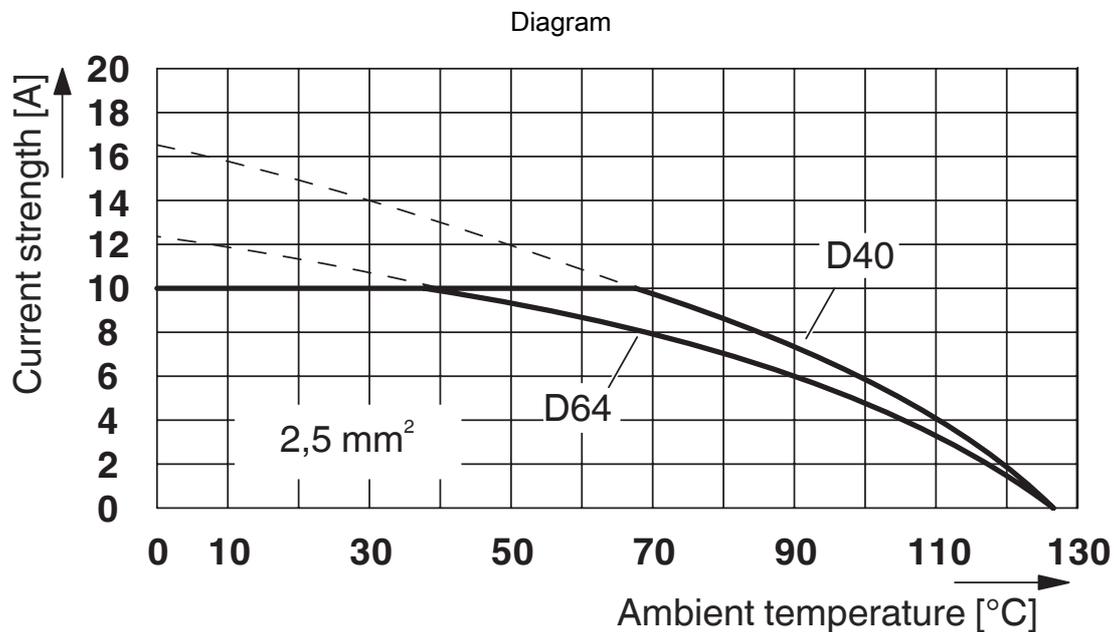


Dimensional drawing, side view

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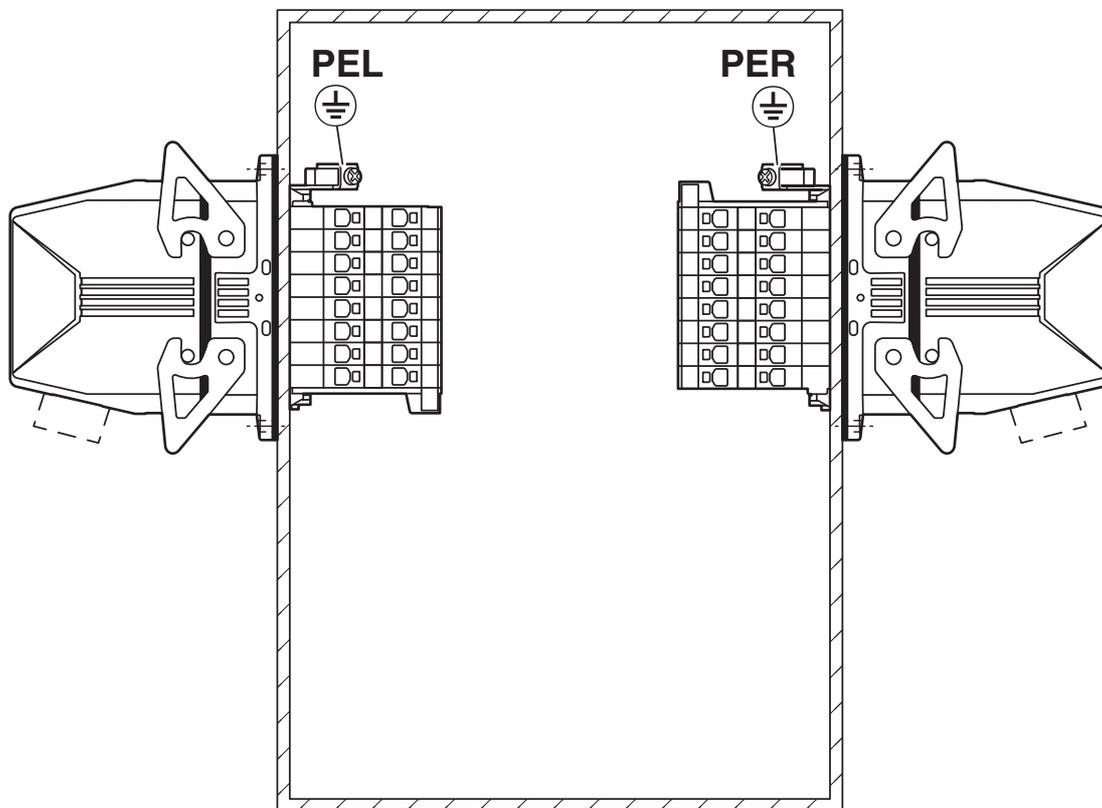
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Derating diagram for 2.5 mm<sup>2</sup>

Application drawing



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

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/no/products/1584282>

 <b>CSA</b> Approval ID: 13631	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	600 V	7 A	- 14	-

 <b>UL Recognized</b> Approval ID: E118976	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	600 V	7 A	- 14	-

 <b>UL Recognized</b> Approval ID: E468743	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	600 V	7 A	-	-

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## Classifications

### ECLASS

ECLASS-11.0	27440222
ECLASS-12.0	27440222
ECLASS-13.0	27440222

### ETIM

ETIM 9.0	EC000438
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### UNSPSC

UNSPSC 21.0	39121500
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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