

# HC-D 40-A-UT-PER-F - Terminal adapter



1584279

<https://www.phoenixcontact.com/us/products/1584279>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



HEAVYCON terminal adapter female insert, D40 series, 40-pos., left protective conductor connection for the right side of the control cabinet, screw connection

## Commercial data

Item number	1584279
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF61
Product key	AF7ADE
GTIN	4046356142342
Weight per piece (including packing)	355 g
Weight per piece (excluding packing)	310.5 g
Customs tariff number	85366990
Country of origin	CN

# HC-D 40-A-UT-PER-F - Terminal adapter



1584279

<https://www.phoenixcontact.com/us/products/1584279>

## Technical data

### Notes

General	For HEAVYCON-ADVANCE mounting flange and HEAVYCON panel mounting base of B16 type
General	Connectors may be operated only when there is no load/voltage.

### Product properties

Product type	Terminal adapter
Product family	HC-D
Series	HC-D
Type	B16
Number of positions	40
Connection profile	40+PE
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

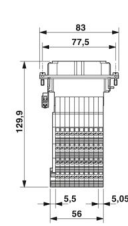
#### Connection technology

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

#### Conductor connection

Conductor cross-section	0.5 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

Dimensional drawing	
---------------------	--

# HC-D 40-A-UT-PER-F - Terminal adapter



1584279

<https://www.phoenixcontact.com/us/products/1584279>

Width	34 mm
Height	129.9 mm
Length	83 mm
Drill hole distance, horizontal	77.5 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

## Cable/line

Stripping length of the individual wire	10 mm
---	-------

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 500
-----------------------------	-------

## Environmental and real-life conditions

### Ambient conditions

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

## 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)
-----------------------	---

## Mounting

Assembly note	To ensure correct use, installation in housing with IP54 protection or better is required
	Not for HC-EVO panel mounting bases
	Connectors may be plugged in only when there is no load/voltage. Not for HC-B 16-AMQ-EMV housings

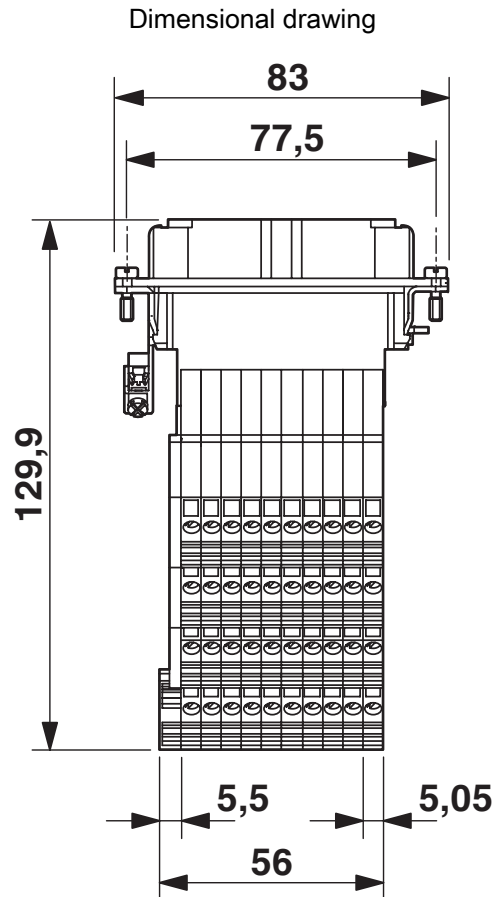
# HC-D 40-A-UT-PER-F - Terminal adapter



1584279

<https://www.phoenixcontact.com/us/products/1584279>

## Drawings



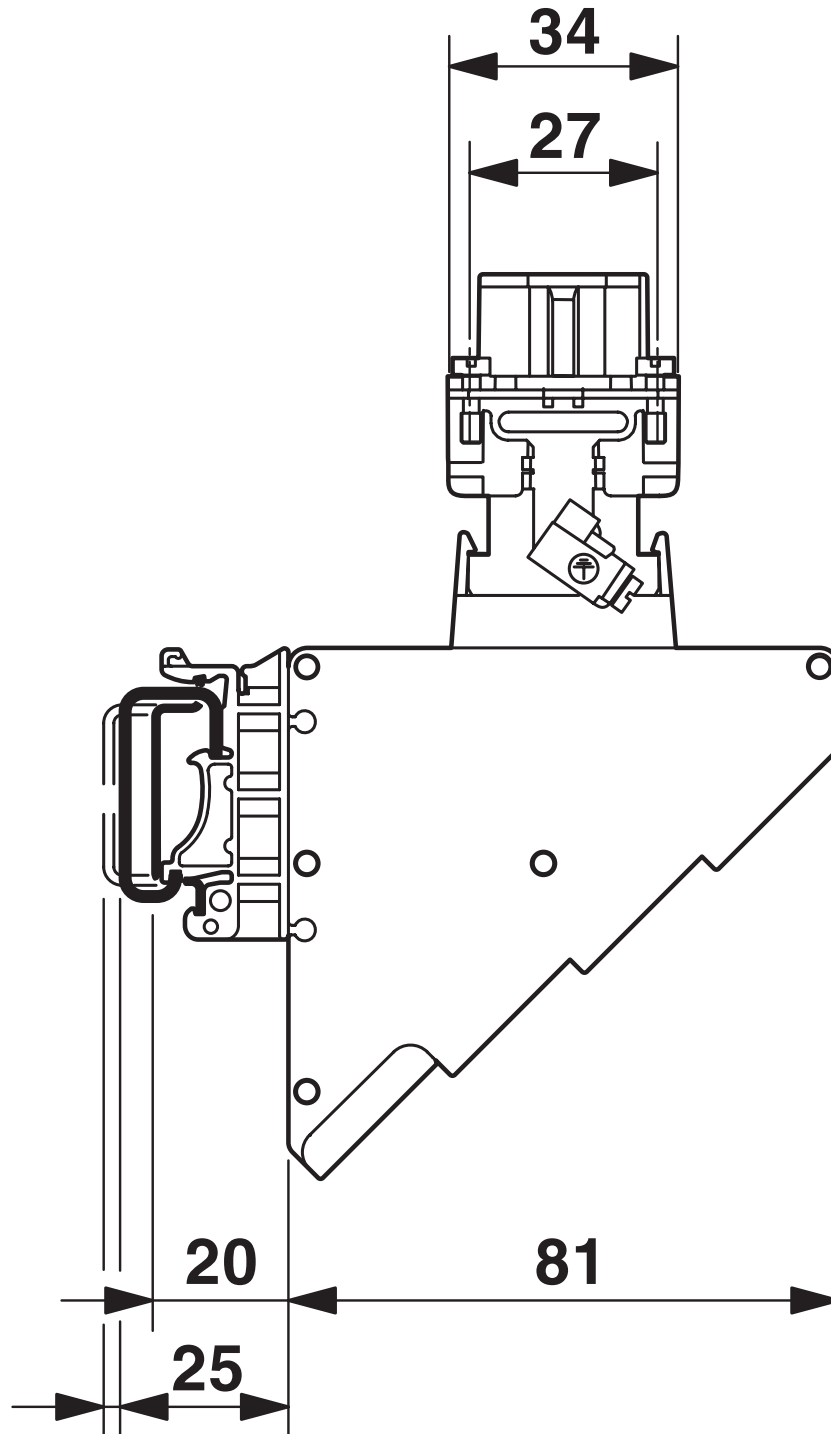
Dimensional drawing

# HC-D 40-A-UT-PER-F - Terminal adapter

1584279

<https://www.phoenixcontact.com/us/products/1584279>

Dimensional drawing



Dimensional drawing, side view

# HC-D 40-A-UT-PER-F - Terminal adapter

1584279

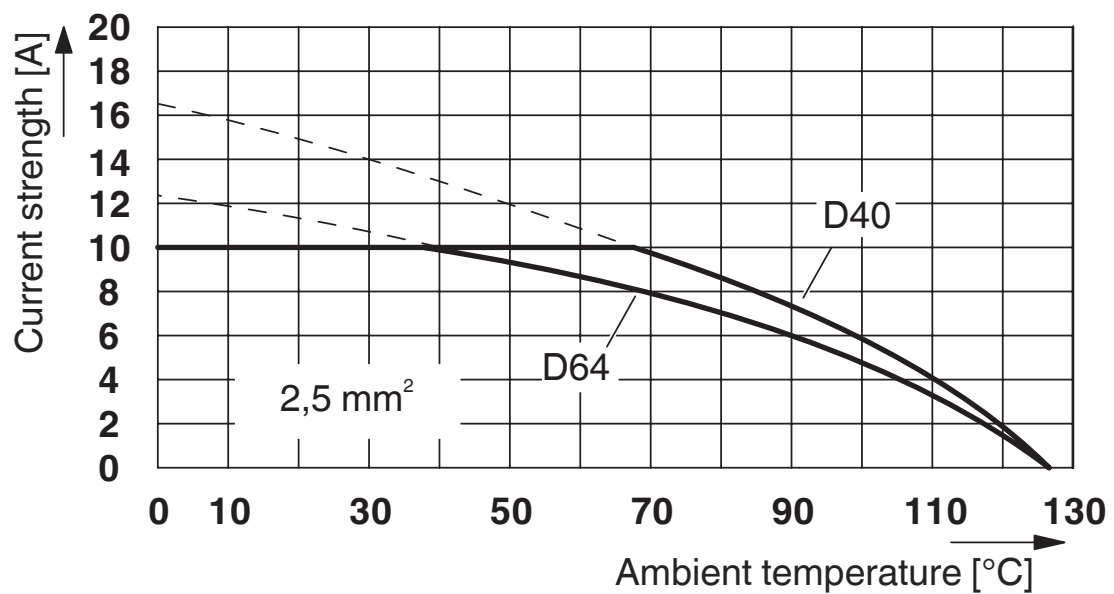
<https://www.phoenixcontact.com/us/products/1584279>

Application drawing



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

Diagram



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

# HC-D 40-A-UT-PER-F - Terminal adapter




1584279

<https://www.phoenixcontact.com/us/products/1584279>


## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1584279>

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

 <b>EAC</b> Approval ID: RU C-DE.AI30.B.01102				
---	--	--	--	--

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

# HC-D 40-A-UT-PER-F - Terminal adapter



1584279

<https://www.phoenixcontact.com/us/products/1584279>

## Classifications

### ECLASS

ECLASS-13.0	27440222
ECLASS-15.0	27440222

### ETIM

ETIM 10.0	EC000438
-----------	----------

### UNSPSC

UNSPSC 21.0	39121500
-------------	----------

# HC-D 40-A-UT-PER-F - Terminal adapter



1584279

<https://www.phoenixcontact.com/us/products/1584279>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)