

# UEGH 42,5/1-SMD - Electronics housing

2757157

<https://www.phoenixcontact.com/us/products/2757157>

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Electronic housing, double level, fully equipped with 6 screw connections per side for one printed circuit board, for mounting of SMD components

The figure shows version UEGH 40/1

## Your advantages

- Efficient assembly thanks to overlapping housing parts
- Increased number of positions thanks to optional UEGM-MT FS slip-on connections
- Snap-on mounting on standard DIN rails NS 35/7.5 or NS 35/15
- Can accommodate up to two PCBs

## Commercial data

Item number	2757157
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AC11
Product key	ACHCCD
GTIN	4017918132194
Weight per piece (including packing)	105.32 g
Weight per piece (excluding packing)	88.736 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Complete housing
Housing type	Complete housing
Product family	UEGH
Type	Connection system integrated, housing closed
Number of positions	12
Pitch	5 mm
Number of rows	2
Pin layout	Linear pinning

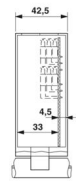
### Electrical properties

Nominal voltage $U_N$	500 V
Nominal current $I_N$	10 A

### Connection data

Connection method	Screw connection
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### Dimensions

Dimensional drawing	
Width	42.5 mm
Installed height	106.7 mm
Height NS 35/7,5	106.7 mm
Depth	79 mm
Length	79 mm
Pitch	5 mm

### Material specifications

Color	green
Flammability rating according to UL 94	V2
Housing material	PA 6.6

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 105 °C
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### Mounting

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Mounting type	Soldering
Pin layout	Linear pinning

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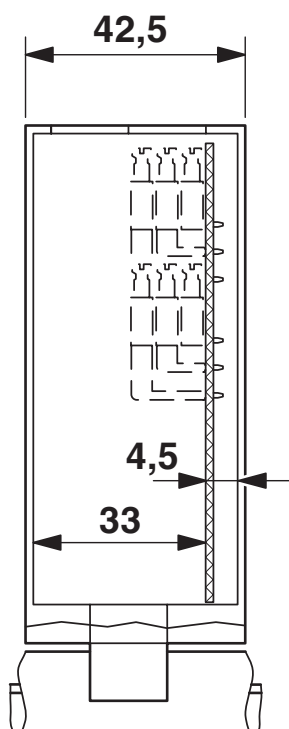
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## Drawings

Dimensional drawing



For 1 PCB, for SMD assembly of reverse side of PCB, 12 pos.

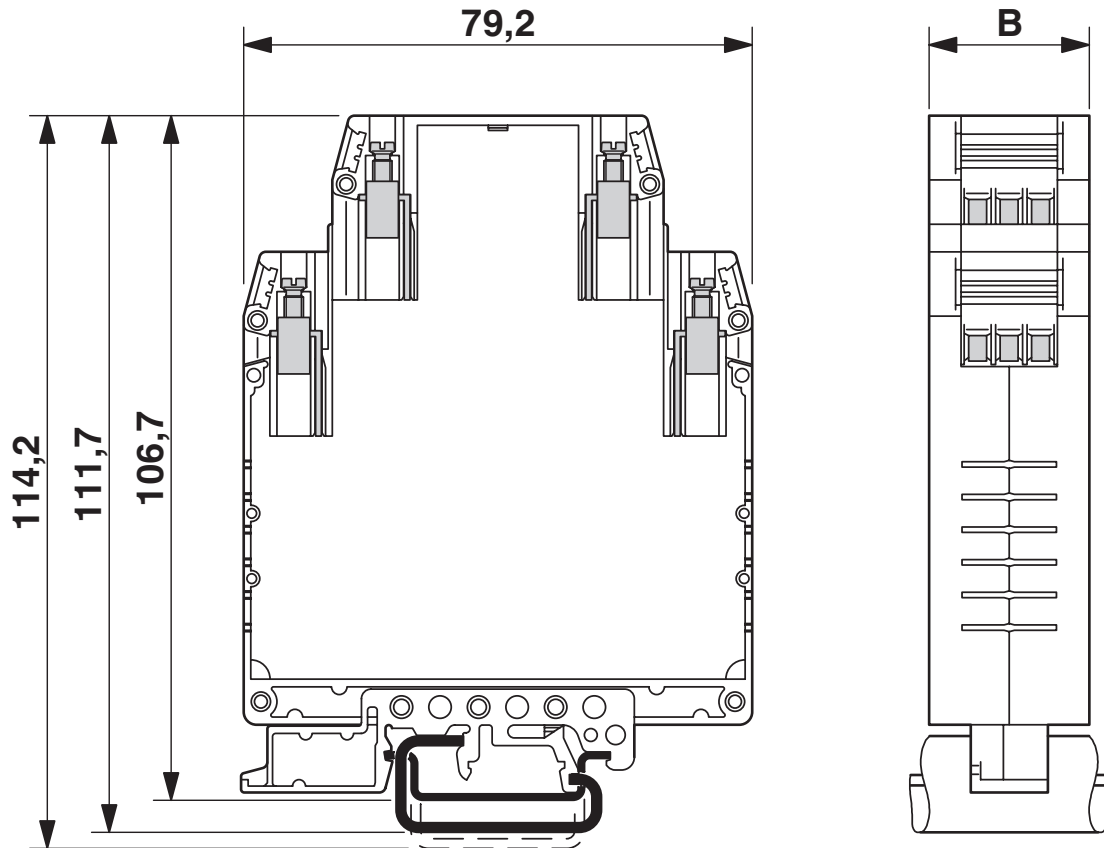
# UEGH 42,5/1-SMD - Electronics housing

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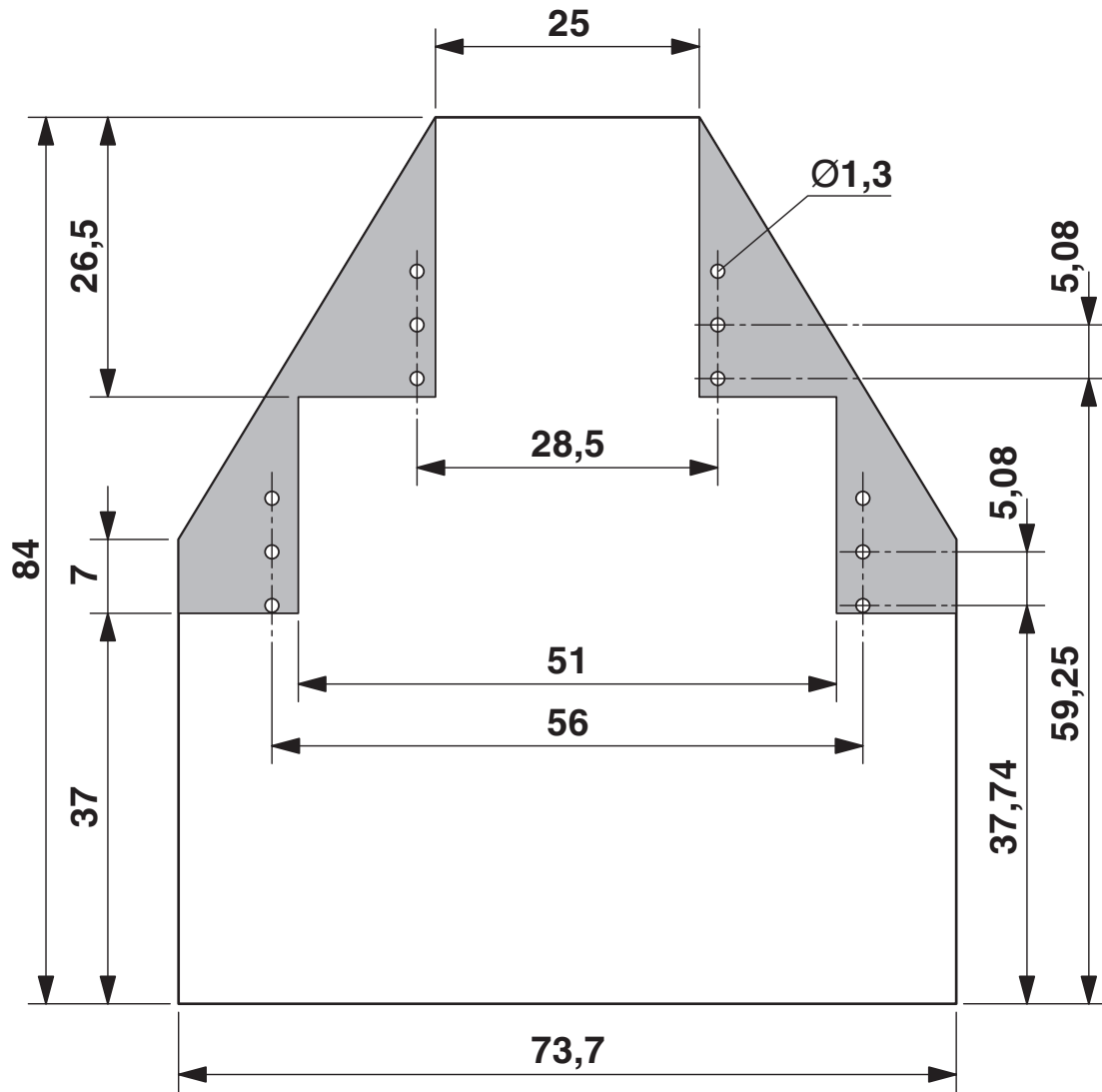
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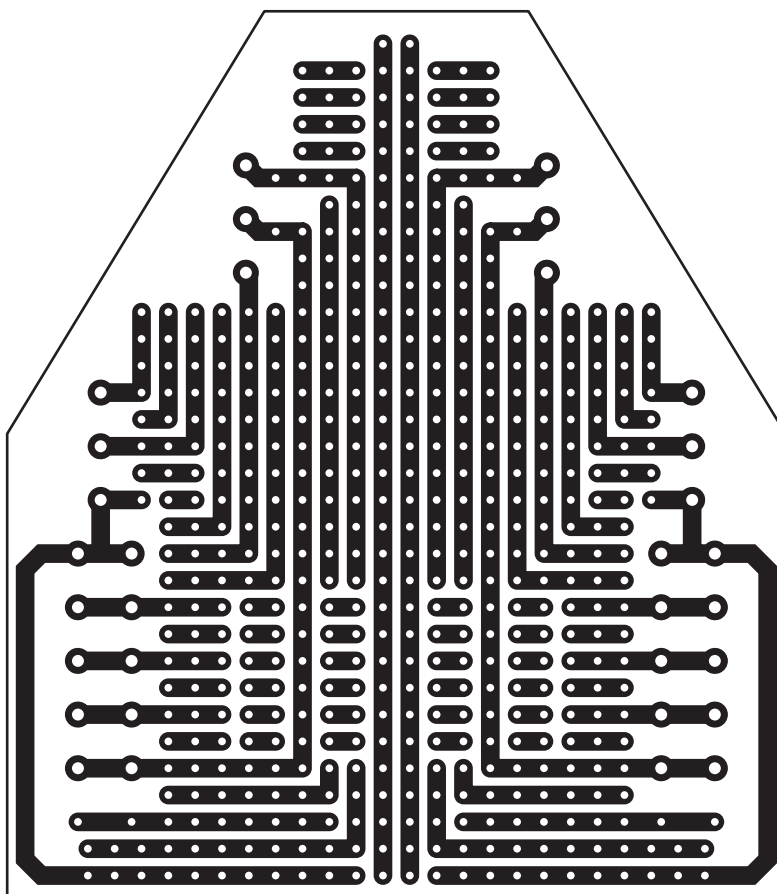
Dimensional drawing



Dimensional drawing



Schematic diagram



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## Classifications

### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

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