

# UEG 30/1 - Electronics housing

2790871

<https://www.phoenixcontact.com/us/products/2790871>



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Electronic housing, for PCB insertion, fully equipped with 4 screw or tab connections per side



## Commercial data

Item number	2790871
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AC11
Product key	ACHCCA
Catalog page	Page 723 (C-1-2013)
GTIN	4017918072360
Weight per piece (including packing)	60.7 g
Weight per piece (excluding packing)	60.7 g
Customs tariff number	85369010
Country of origin	DE

Technical data

Product properties

Product type	Complete housing
Housing type	Component housing
Housing series	UEG
Product family	UEG
Type	Connection system integrated, housing closed
Number of positions	8
Pitch	5 mm
Number of rows	2
Pin layout	Linear pinning

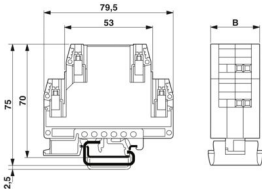
Electrical properties

Nominal voltage $U_N$	500 V (Voltage and current values are affected by the configuration of the printed circuit board.)
Nominal current $I_N$	10 A

Connection data

Connection method	Screw connection
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Dimensions

Dimensional drawing	
Width	30 mm
Installed height	70 mm
Height NS 35/7,5	70 mm
Depth	79.5 mm
Length	79.5 mm
Pitch	5 mm

Material specifications

Color (Housing)	green (RAL 6021)
Flammability rating according to UL 94	V0
Housing material	Polyamide
Surface characteristics	untreated

Environmental and real-life conditions

Ambient conditions
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Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 105 °C

## Mounting

Mounting type	Soldering
Pin layout	Linear pinning

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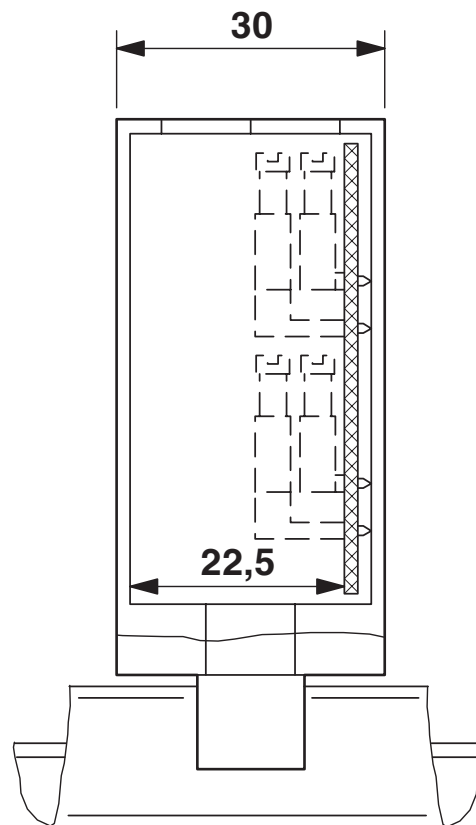
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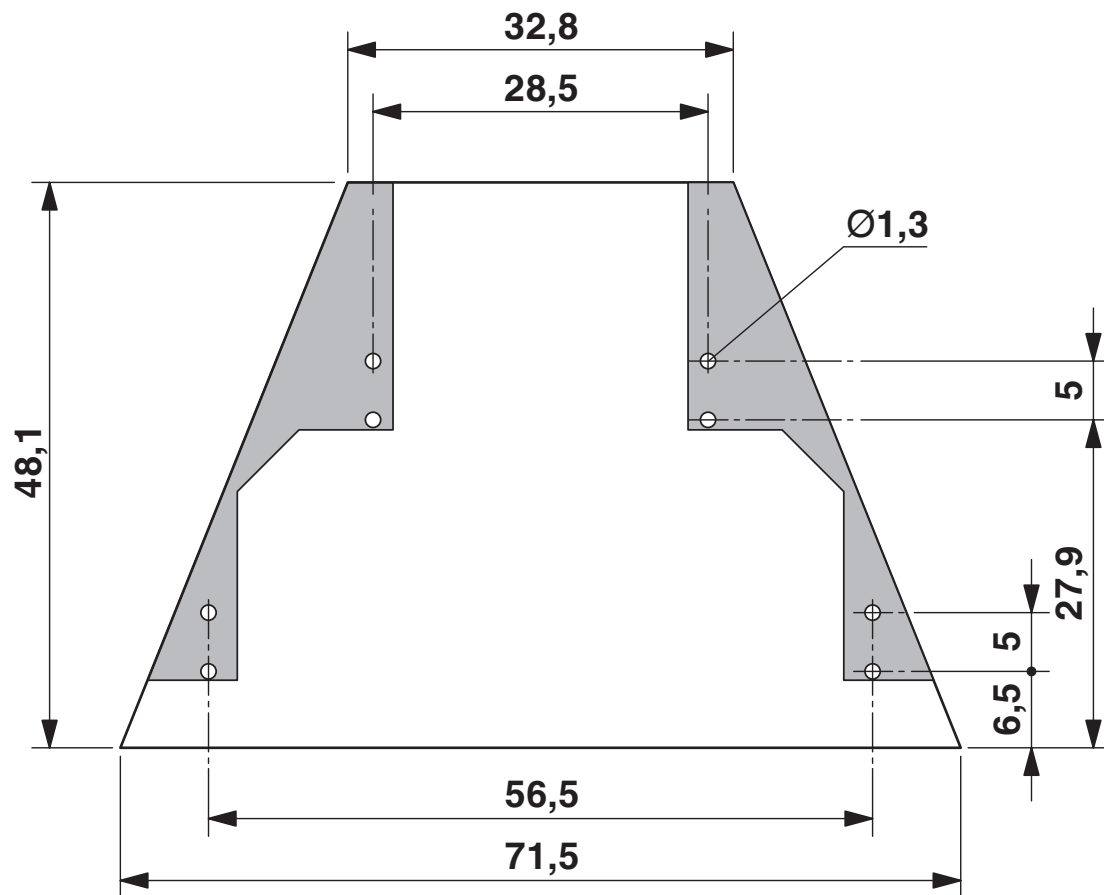
## Drawings

Dimensional drawing

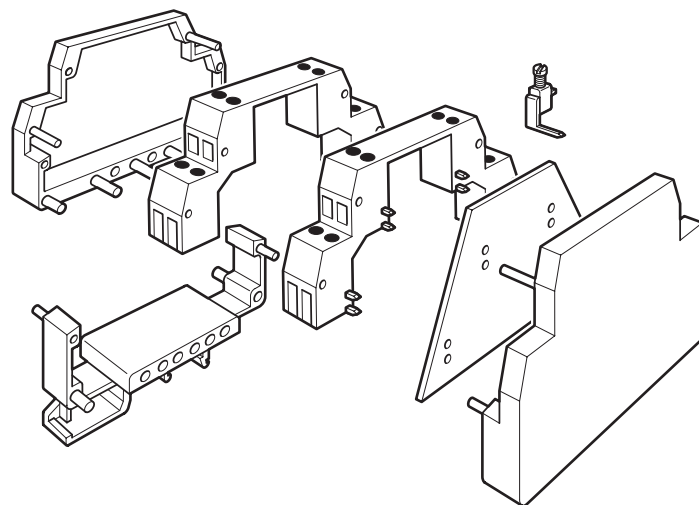


UEG 30/1, enlarged internal area, with 1 PCB, up to max. 8 positions

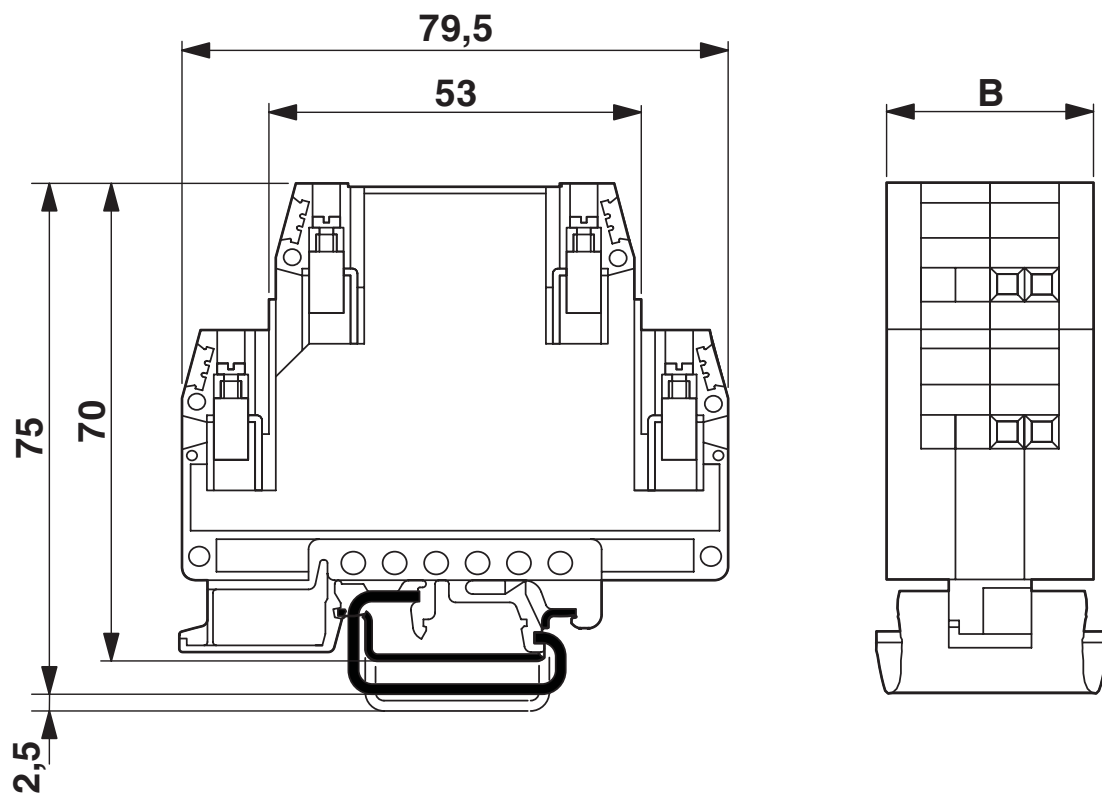
## Dimensional drawing



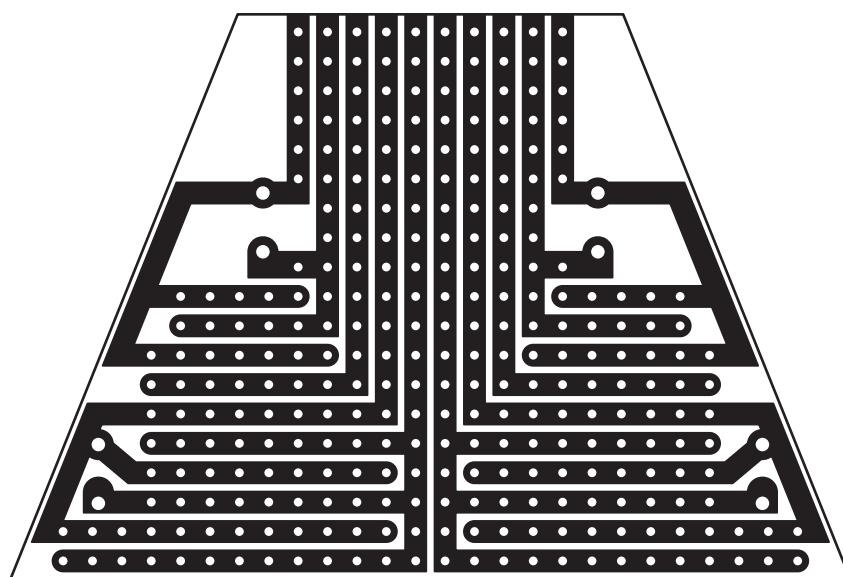
Exploded view



Dimensional drawing



Schematic diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2790871>

<div> <b>cULus Recognized</b> Approval ID: E60425-19770427</div>				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Use group B				
	300 V	10 A	30 - 12	-
Use group D				
	300 V	10 A	30 - 12	-

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## Classifications

### ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190101

### ETIM

ETIM 8.0	EC001031
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### 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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## Accessories

### DB 50- 90 GY - Wire bridge

2820929

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Flexible wire loop bridge, 50-pos., conductor cross-section: 0.5 mm<sup>2</sup>, loop length: 90 mm, ferrule length: 8 mm, color: gray



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