

UEG 30/2 - Electronics housing

2790240

<https://www.phoenixcontact.com/us/products/2790240>



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Electronic housing, for two PCBs, fully equipped with 8 screw or tab connections per side



Commercial data

Item number	2790240
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AC11
Product key	ACHCCA
GTIN	4017918072315
Weight per piece (including packing)	73.4 g
Weight per piece (excluding packing)	63.9 g
Customs tariff number	85369010
Country of origin	DE

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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	16
Pitch	5 mm
Number of rows	2
Pin layout	Linear pinning

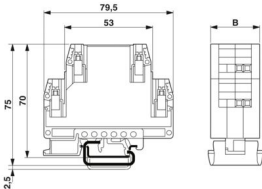
Electrical properties

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 35/15	77.5 mm
Height NS 35/7,5	70 mm
Height NS 32	75 mm
Depth	79.5 mm
Pitch	5 mm

Material specifications

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

Mechanical properties

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Mechanical data

Open side panel	No
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Environmental and real-life conditions

Power dissipation single housing for 20 °C

Ambient temperature	20 °C
Reduction factor	1

Power dissipation single housing for 30 °C

Ambient temperature	30 °C
Reduction factor	0.78

Power dissipation single housing for 40 °C

Ambient temperature	40 °C
Reduction factor	0.61

Power dissipation single housing for 50 °C

Ambient temperature	50 °C
Reduction factor	0.48

Power dissipation single housing for 60 °C

Ambient temperature	60 °C
Reduction factor	0.37

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C

Mounting

Mounting type	Soldering
Pin layout	Linear pinning

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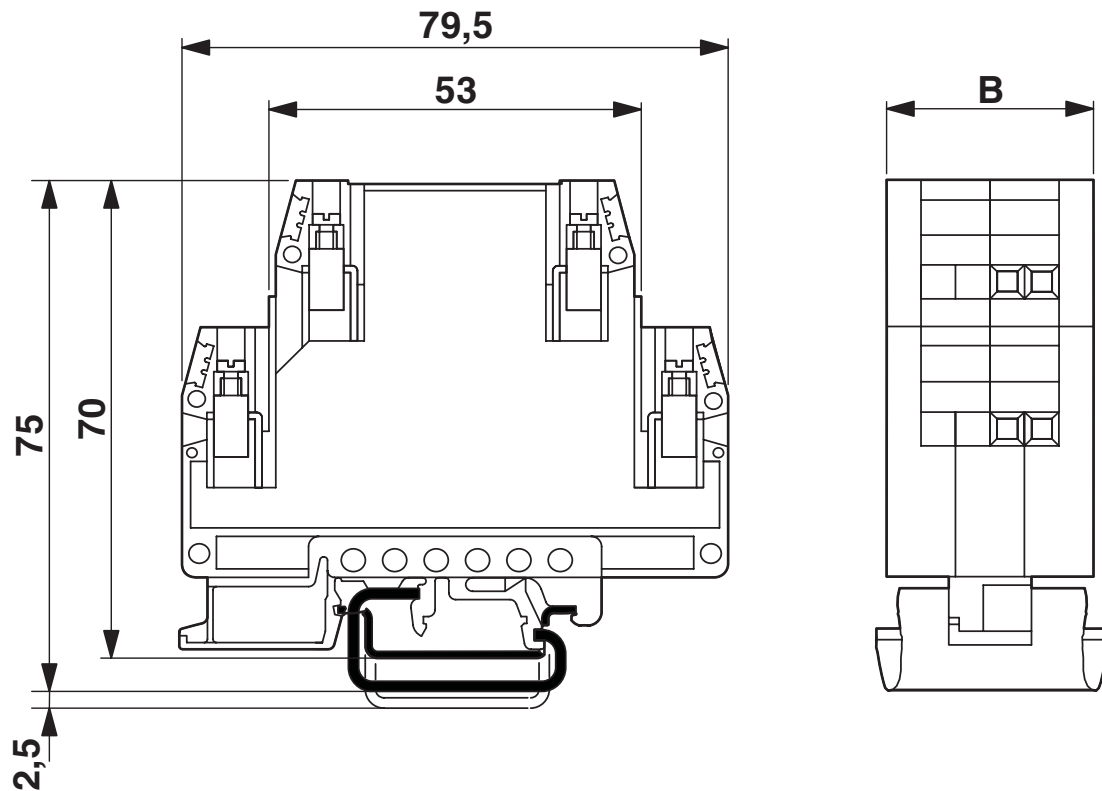
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Drawings

Dimensional drawing



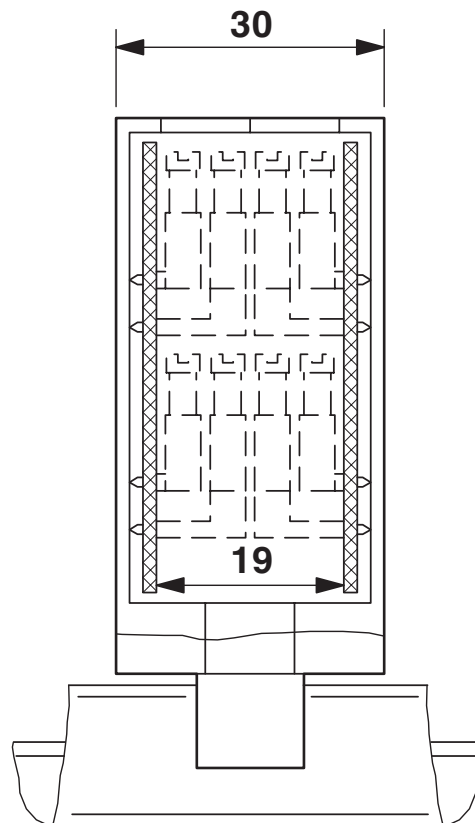
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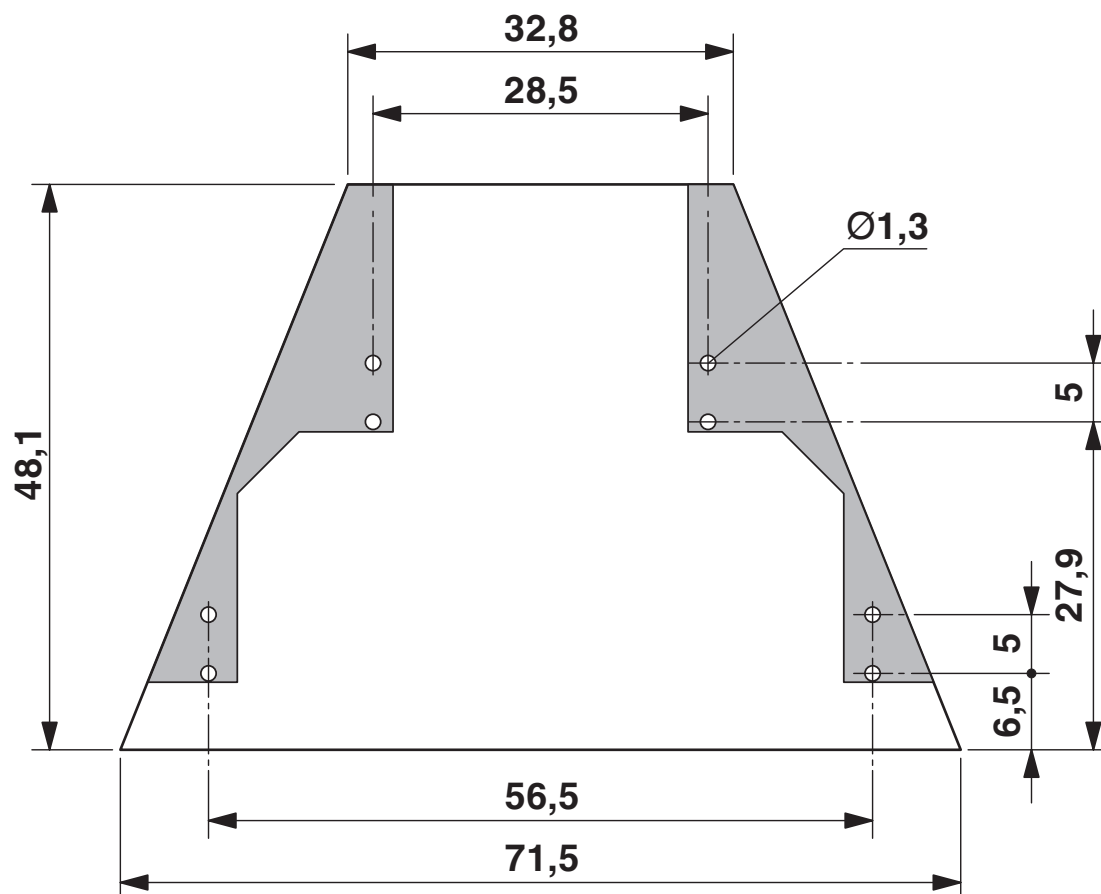


Dimensional drawing

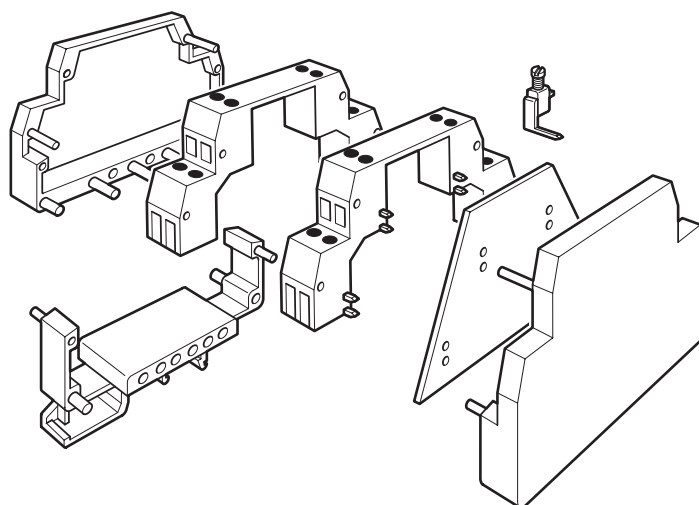


UEG 30/2, enlarged internal area, with 2 PCBs arranged as mirror image, up to max. 16 pos.

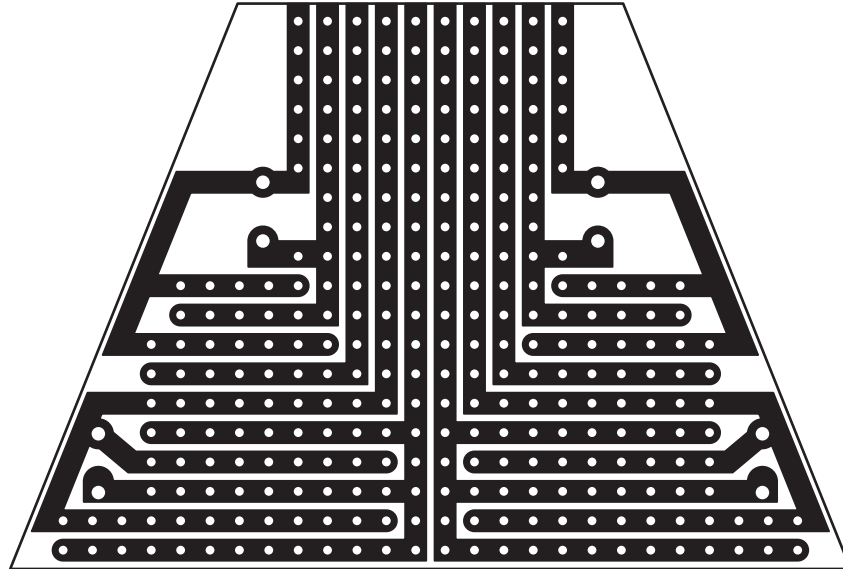
Dimensional drawing



Exploded view



Schematic diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2790240>

 cULus Recognized Approval ID: E60425-19770427				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section 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-13.0	27190101
ECLASS-15.0	27190101

ETIM

ETIM 9.0	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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com