

# UEG 20 - Electronics housing

2790211

<https://www.phoenixcontact.com/us/products/2790211>

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



## Commercial data

Item number	2790211
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC11
Product key	ACHCCA
GTIN	4017918072292
Weight per piece (including packing)	48.043 g
Weight per piece (excluding packing)	42.9 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
Ventilation openings present	no
Pin layout	Linear pinning

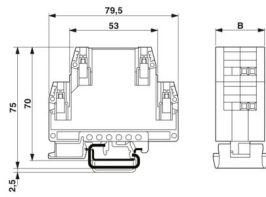
### Electrical properties

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	20 mm
Installed height	70 mm
Height NS 35/7,5	70 mm
Depth	79.5 mm
Pitch	5 mm

### Material specifications

Color (Housing)	green (RAL 6021)
Material Housing	PA
Flammability rating according to UL 94	V0

### Environmental and real-life conditions

Power dissipation single housing for 20 °C

Ambient temperature	20 °C
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Reduction factor	1
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## 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

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	DIN rail mounting
Pin layout	Linear pinning

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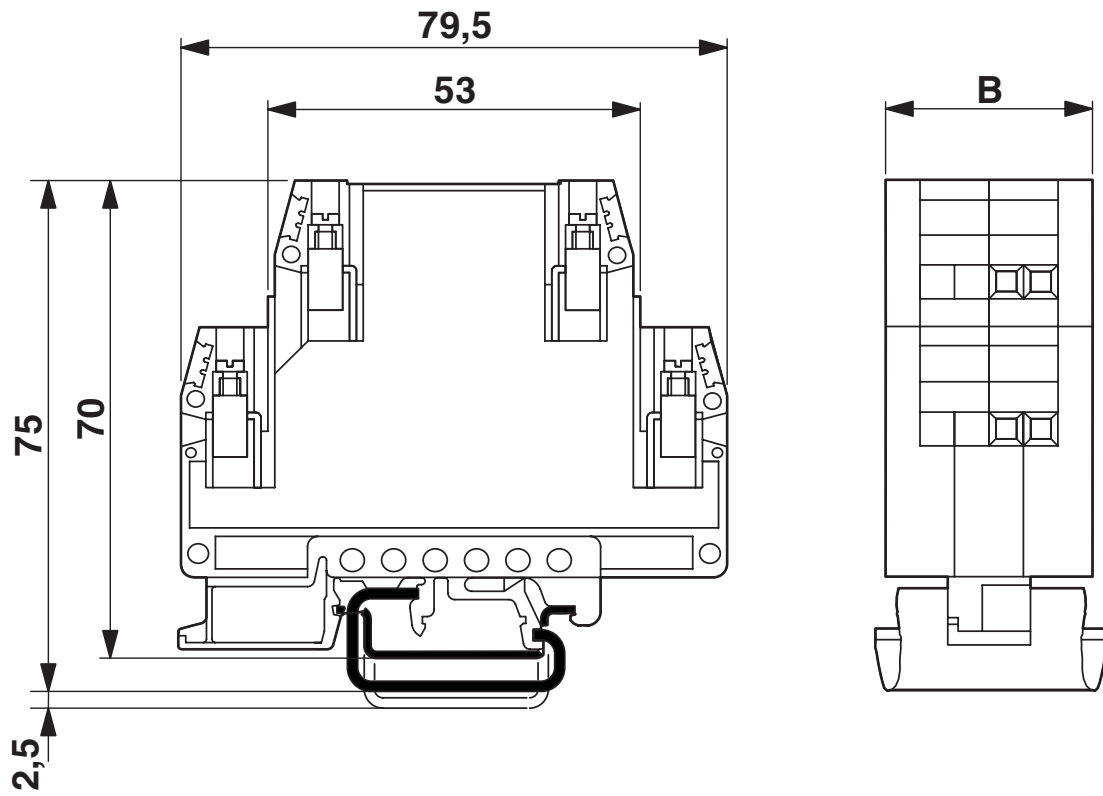
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## Drawings

Dimensional drawing

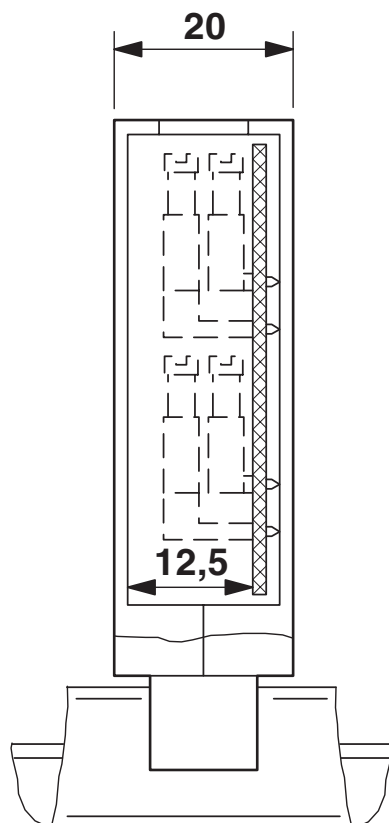


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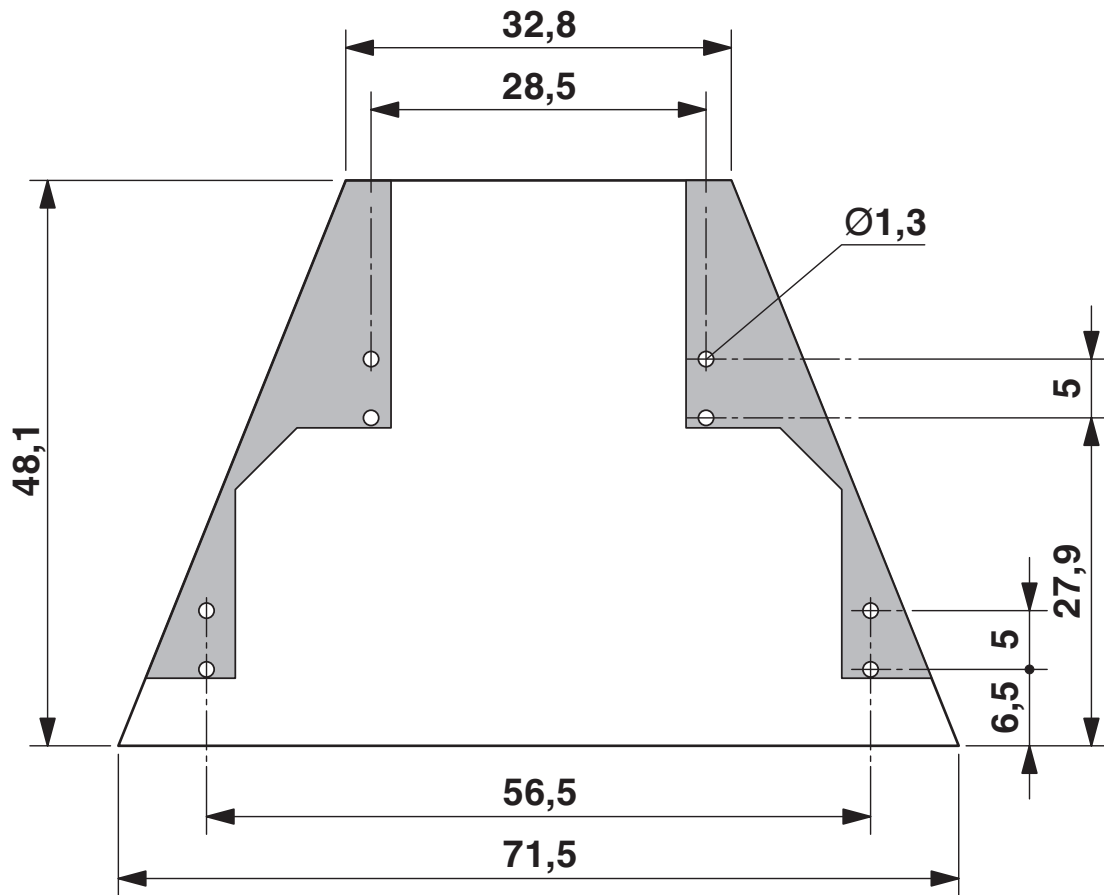
<https://www.phoenixcontact.com/us/products/2790211>

Dimensional drawing

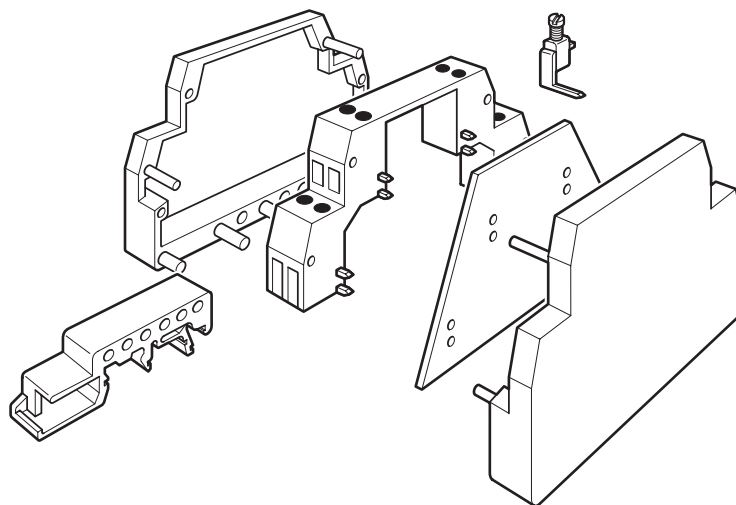


UEG 20 with 1 PCB, up to max. 8 pos.

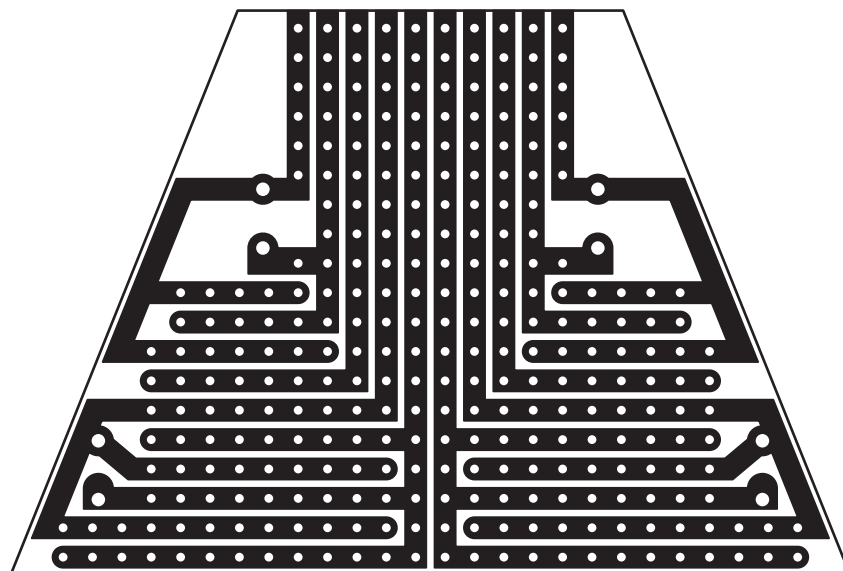
Dimensional drawing



Exploded view



Schematic diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2790211>

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

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## Classifications

### ECLASS

ECLASS-13.0	27190501
ECLASS-15.0	27190501

### ETIM

ETIM 10.0	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-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	0.343 kg CO2e
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