UEG 20 - Electronics housing

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

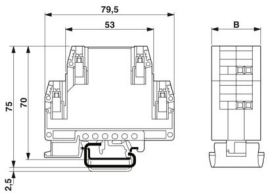
Electrical properties

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

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

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

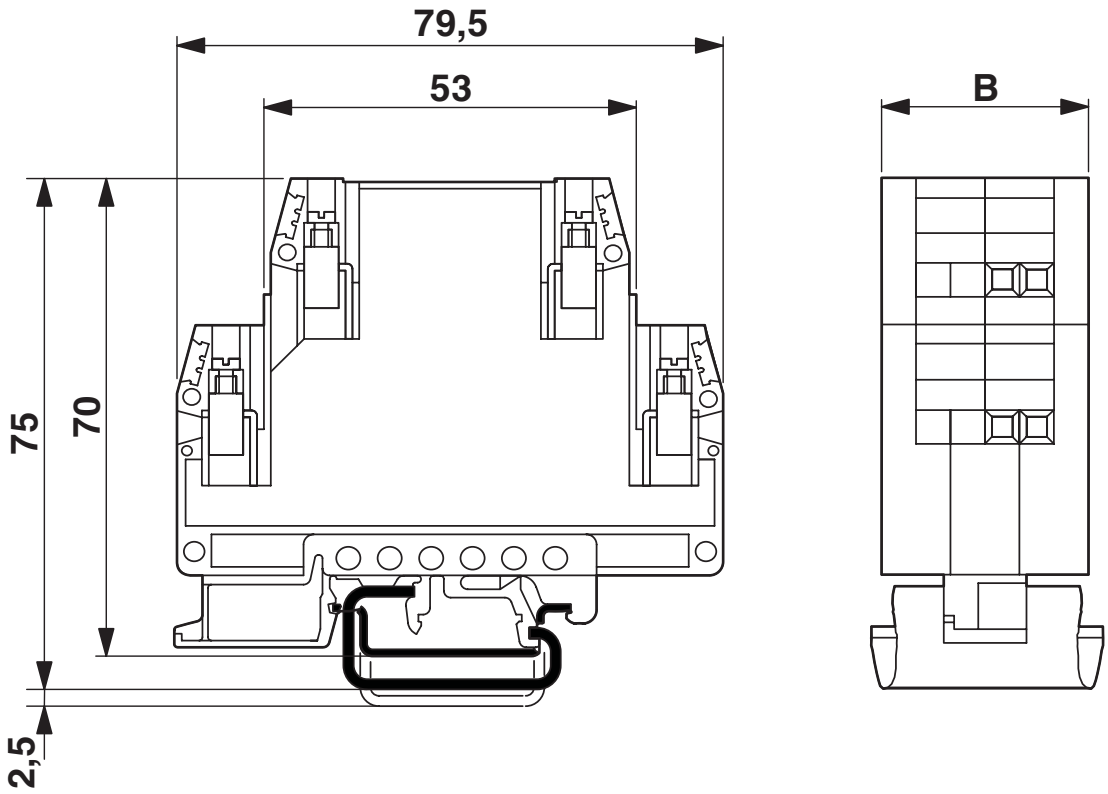
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C

Mounting

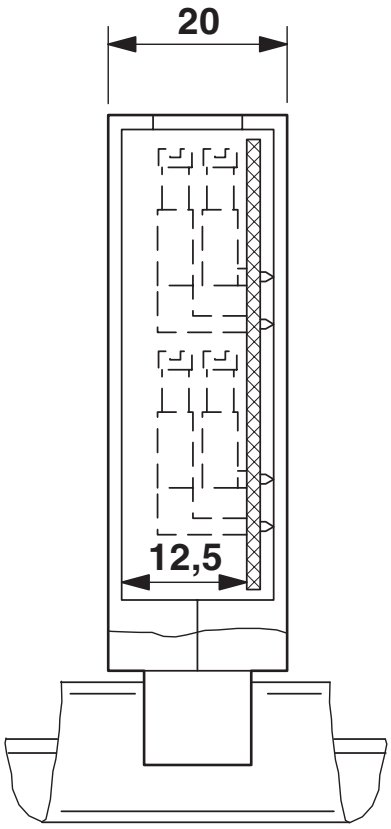
Mounting type	DIN rail mounting
Pin layout	Linear pinning

Drawings

Dimensional drawing

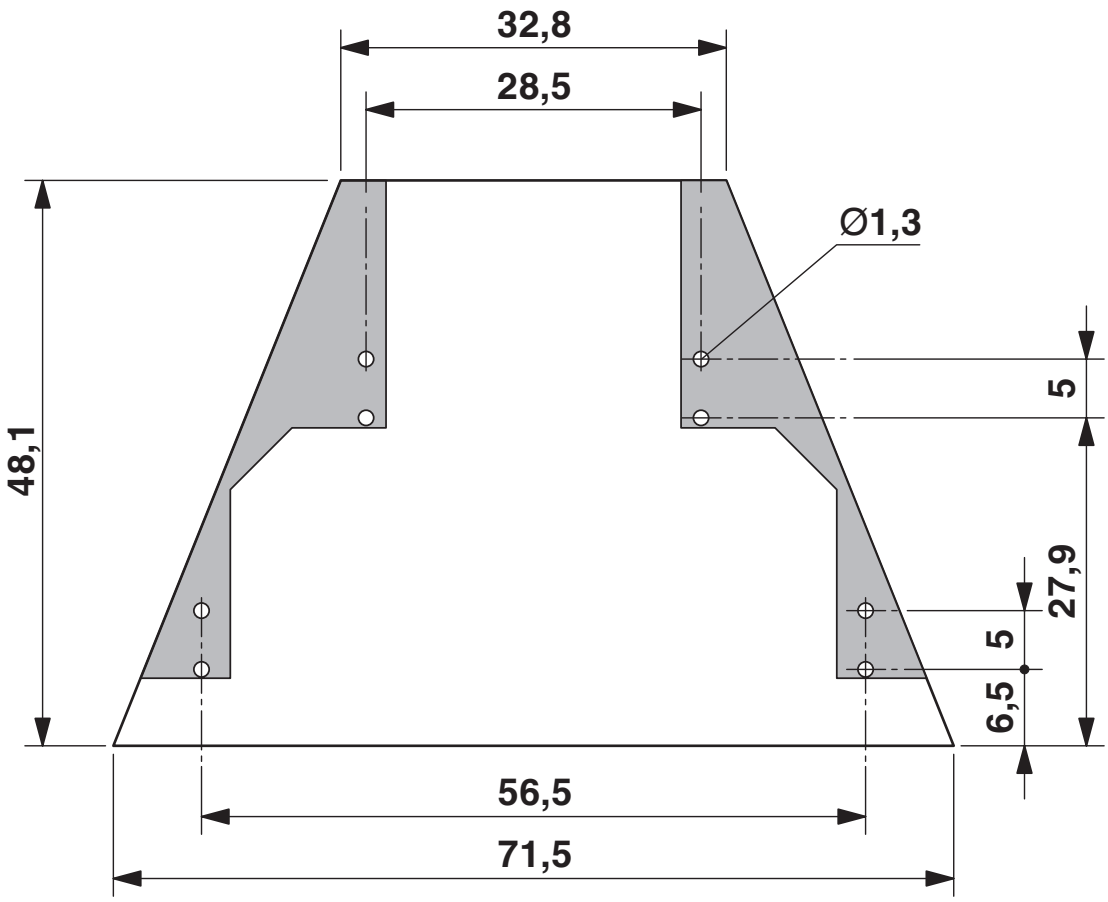


Dimensional drawing

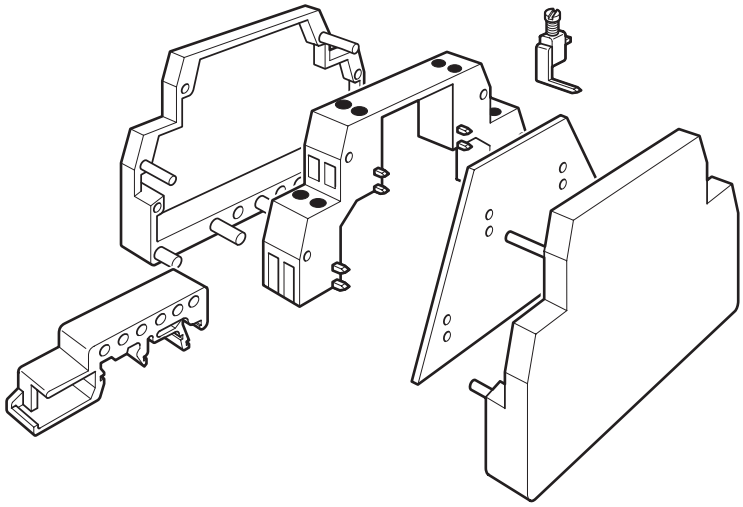


UEG 20 with 1 PCB, up to max. 8 pos.

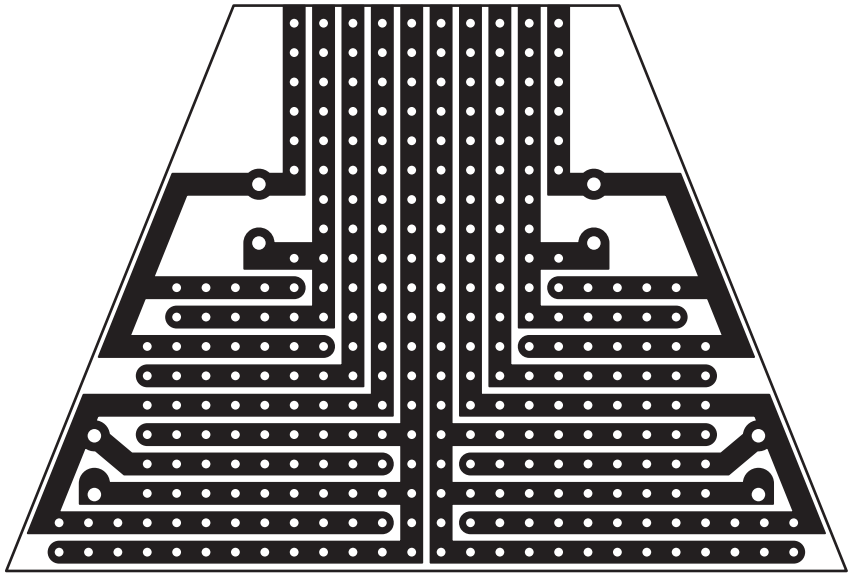
Dimensional drawing



Exploded view



Schematic diagram



Approvals

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

cULus Recognized
Approval ID: E60425-19770427

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	10 A	30 - 12	-
D				
	300 V	10 A	30 - 12	-

Classifications

ECLASS

ECLASS-13.0	27190501
ECLASS-15.0	27190501

ETIM

ETIM 10.0	EC001031

UNSPSC

UNSPSC 21.0	31261500

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%

EF3.1 Climate Change

CO2e kg	0.343 kg CO2e

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