UEG 20 - Electronics housing

2790211

https://www.phoenixcontact.com/pc/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
Product key	ACHCCA
Catalog page	Page 722 (C-1-2013)
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

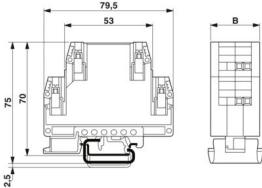|	
Product type	Complete housing
Housing type	Component housing
Housing series	UEG
Product family	UEG
Type	Connection system integrated, housing closed
Number of positions	8
Pitch	5 mm
Number of rows	2
Type	Complete housing equipped with 3 screw connections per side
Pin layout	Linear pinning

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	green
Flammability rating according to UL 94	V0
Housing material	Polyamide
Surface characteristics	untreated

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

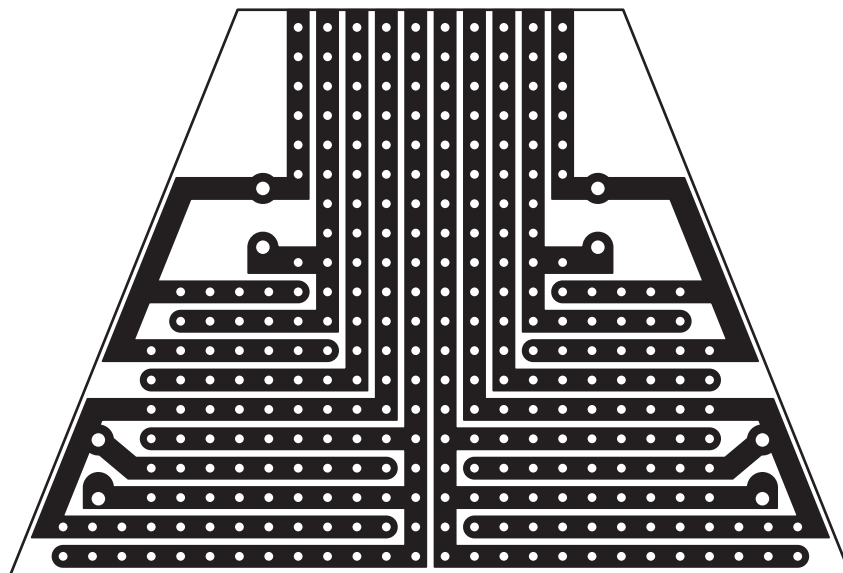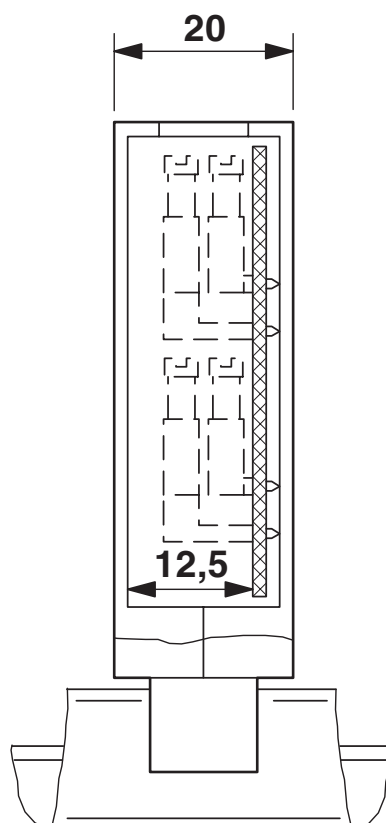| Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C

Mounting

Mounting type	DIN rail mounting
Pin layout	Linear pinning

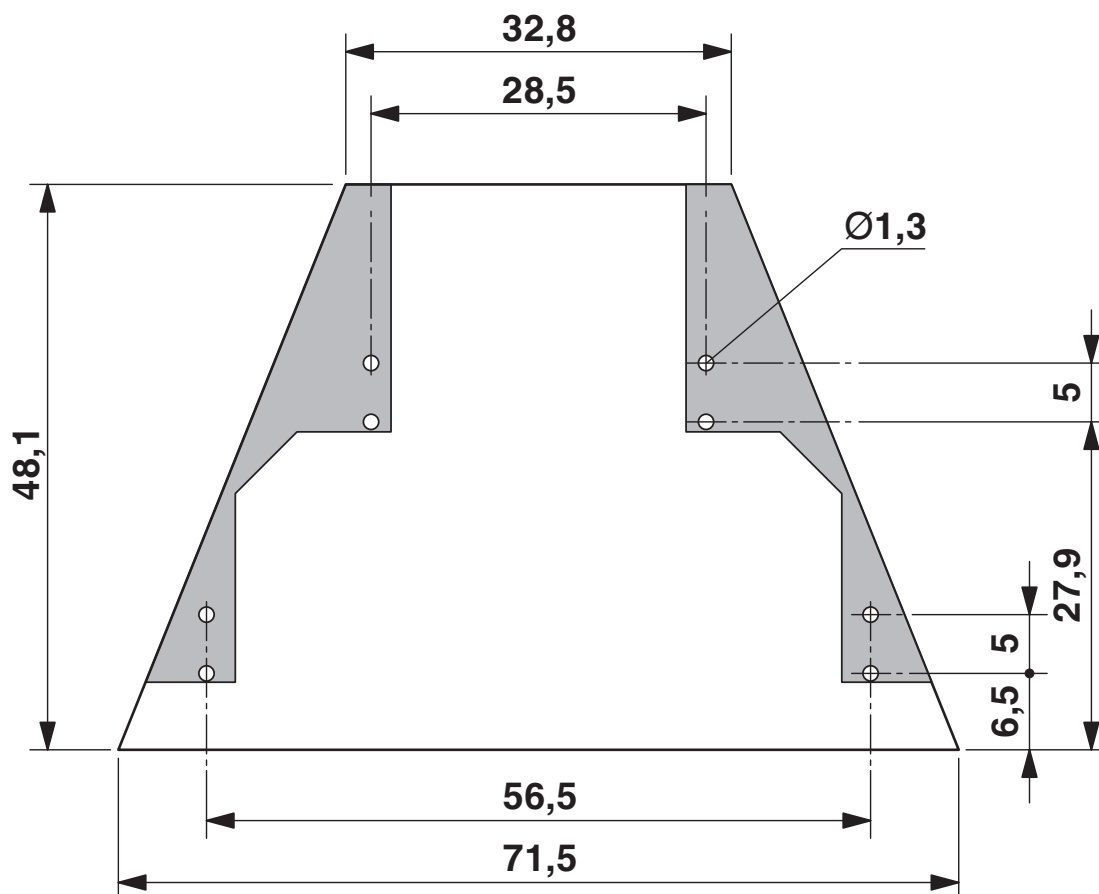## Drawings

Schematic diagram

Dimensional drawing

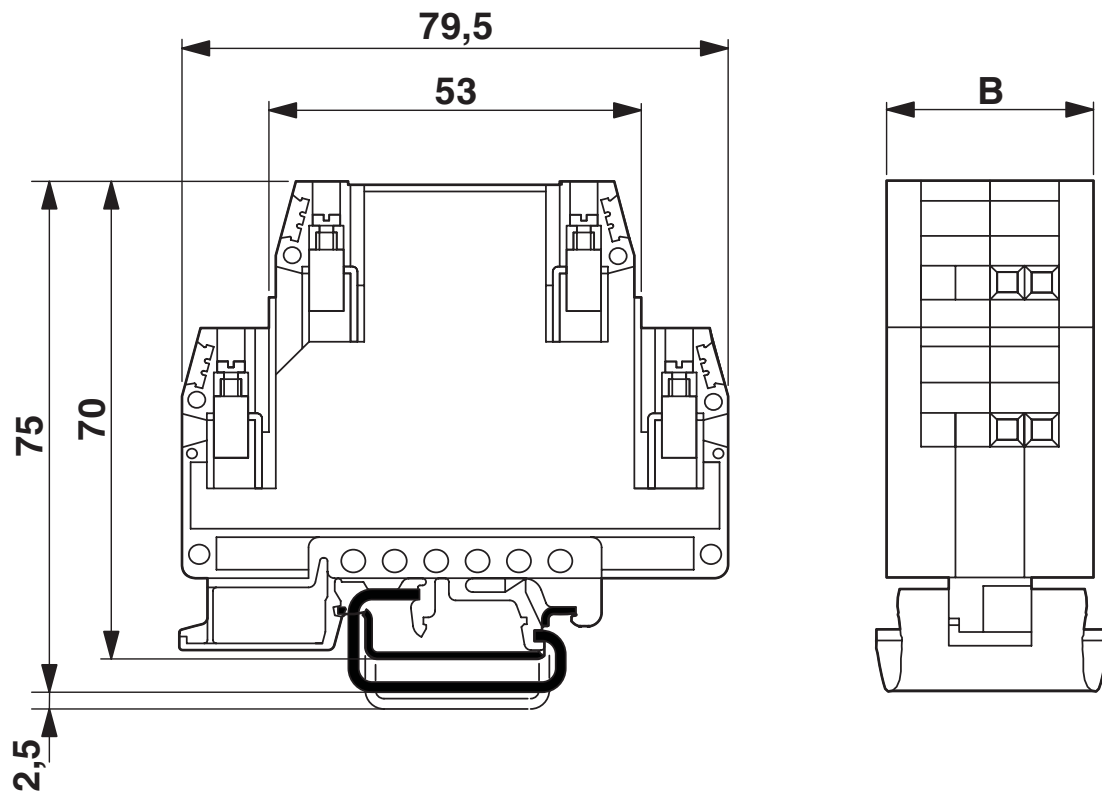UEG 20 with 1 PCB, up to max. 8 pos.

Dimensional drawing

Exploded view

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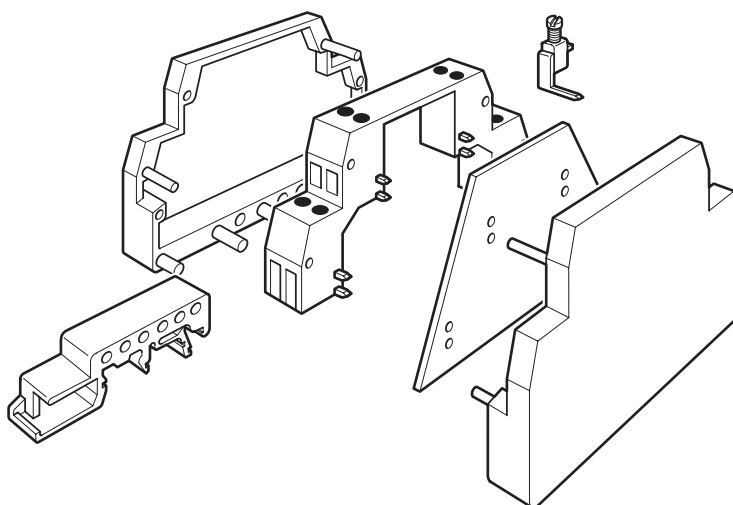
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Dimensional drawing

Approvals

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

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	-

Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190501

ETIM

ETIM 9.0	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-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%