

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 |
| 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 | 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) |
| Material Housing | PA |
| Flammability rating according to UL 94 | V0 |
| Surface characteristics | untreated |

Mechanical properties

Mechanical data

| | |
|-----------------|----|
| Open side panel | No |
|-----------------|----|

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 |

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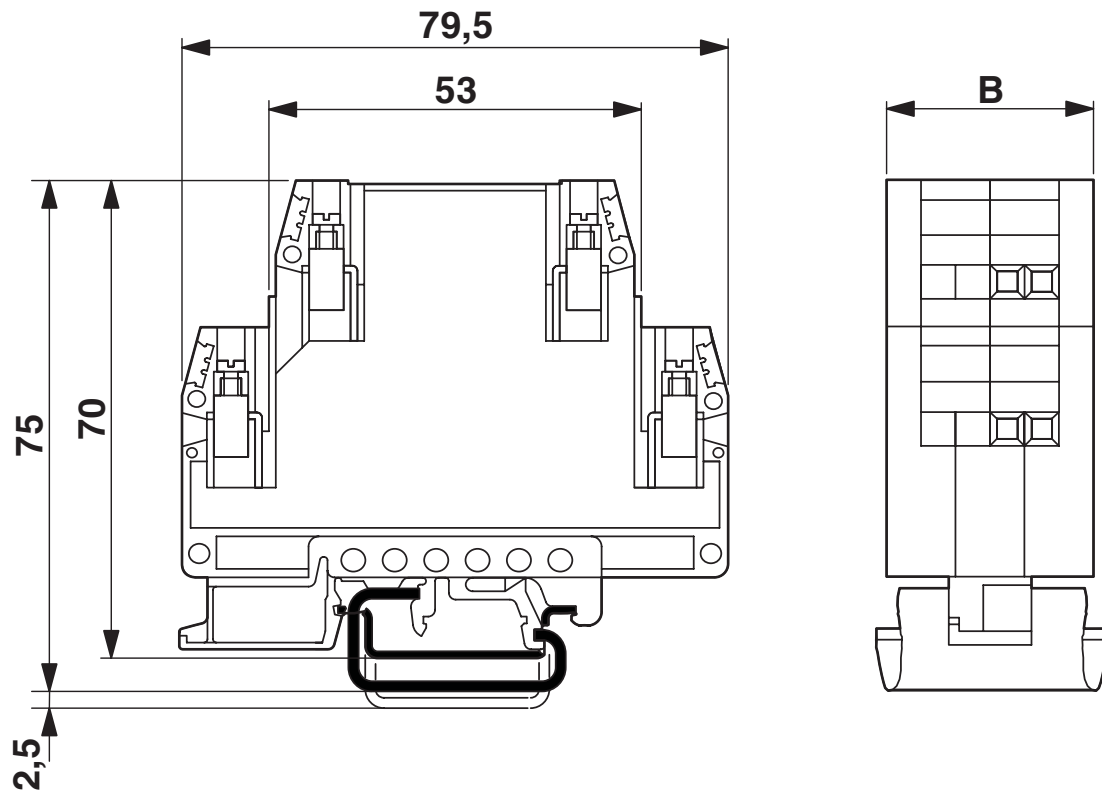
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Drawings

Dimensional drawing



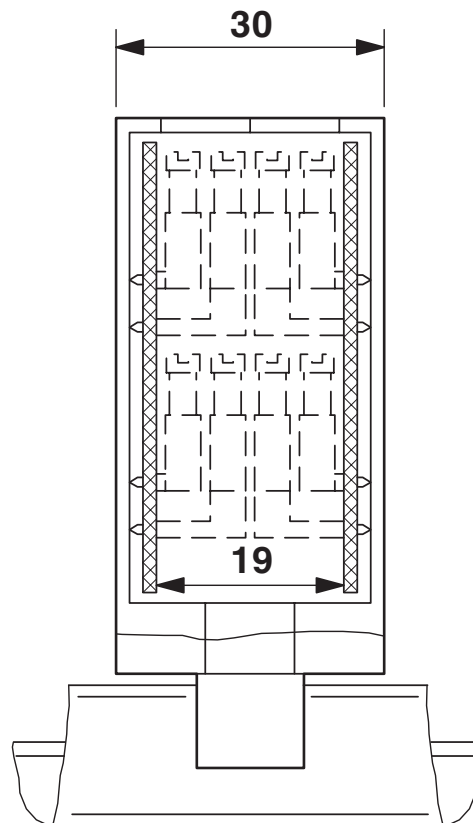
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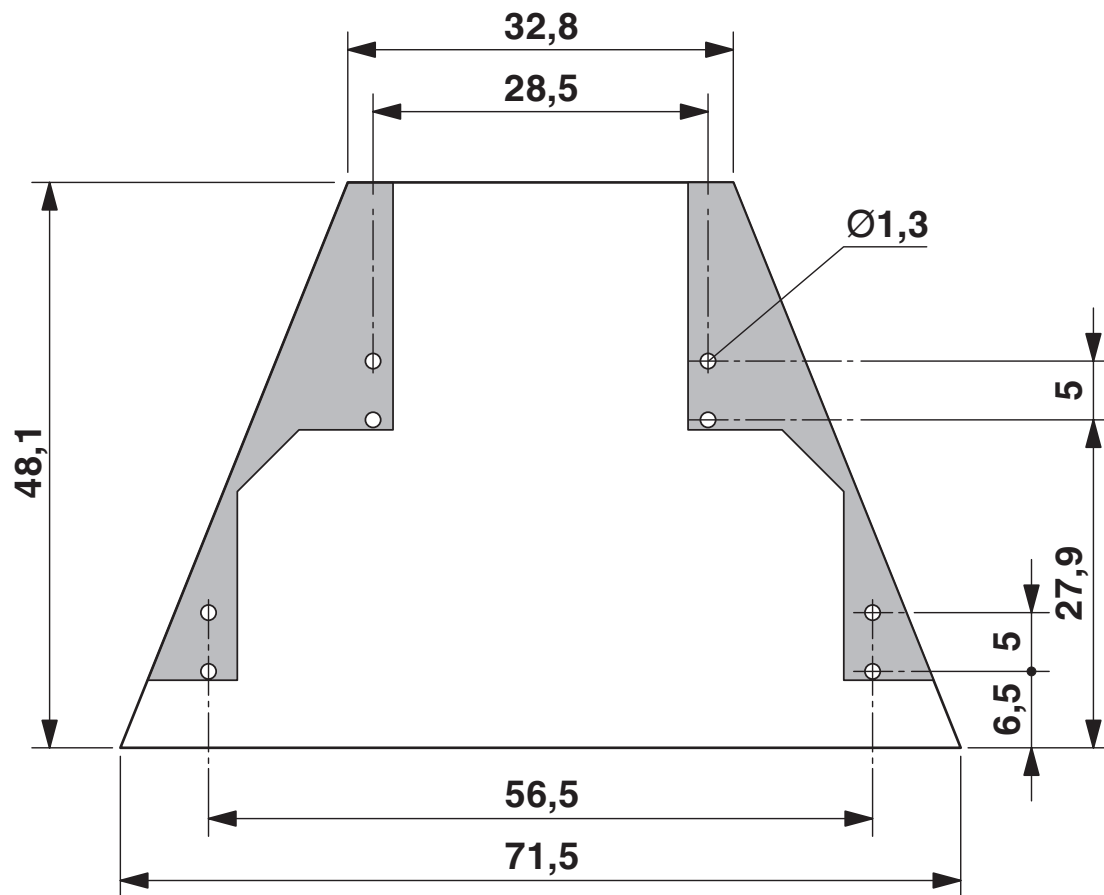


Dimensional drawing

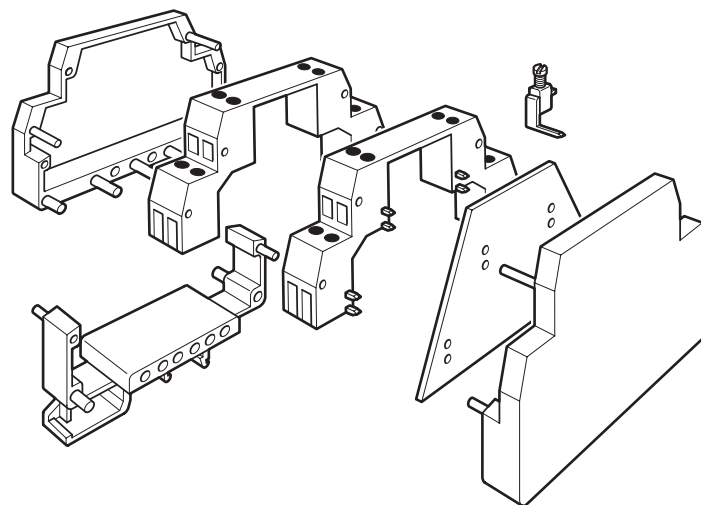


UEG 30/2, enlarged internal area, with 2 PCBs arranged as mirror image, up to max. 16 pos.

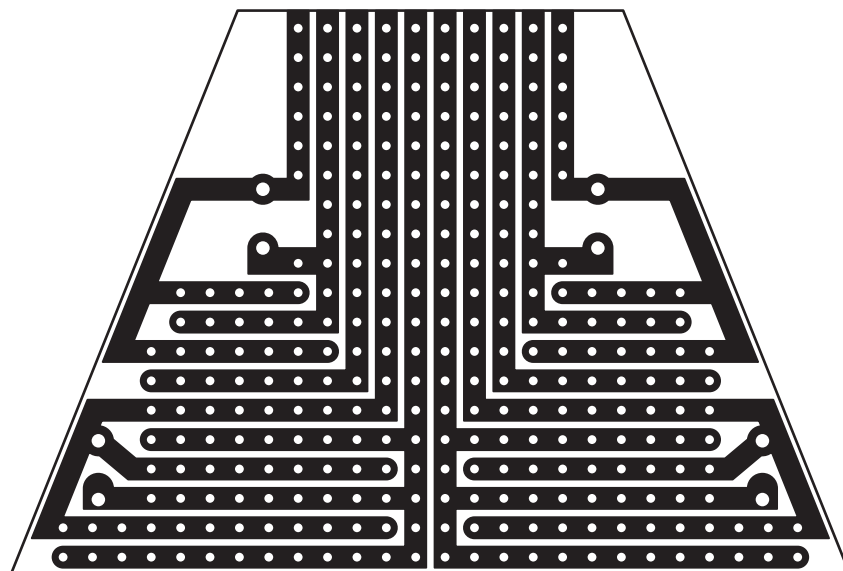
Dimensional drawing



Exploded view



Schematic diagram



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Approvals

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

| | | | | |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
| <div> cULus Recognized Approval ID: E60425-19770427</div> | | | | |
| | 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 | - |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27190101 |
| ECLASS-15.0 | 27190101 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC001031 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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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% |

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