

# UEGM 22,5 - Electronics housing

2792002

<https://www.phoenixcontact.com/us/products/2792002>



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Electronic housing, for PCB insertion, fully equipped with 3 screw or 6 tab connections per side



## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 2792002             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 1 pc                |
| Sales key                            | AC11                |
| Product key                          | ACHCCB              |
| Catalog page                         | Page 724 (C-1-2013) |
| GTIN                                 | 4017918072513       |
| Weight per piece (including packing) | 56 g                |
| Weight per piece (excluding packing) | 56 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      | UEGM                                                        |
| Type                | Connection system integrated, housing closed                |
| Number of positions | 6                                                           |
| Pitch               | 5 mm                                                        |
| Number of rows      | 1                                                           |
| Type                | Complete housing equipped with 3 screw connections per side |
| Pin layout          | Linear pinning                                              |

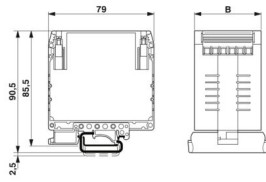
### Electrical properties

|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| 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               | 22.5 mm                                                                              |  |
| Installed height    | 85.5 mm                                                                              |  |
| Height NS 35/7,5    | 85.5 mm                                                                              |  |
| Depth               | 79 mm                                                                                |  |
| Length              | 79 mm                                                                                |  |
| Pitch               | 5 mm                                                                                 |  |

### Material specifications

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

### Environmental and real-life conditions

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### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP20              |
| Ambient temperature (operation) | -40 °C ... 105 °C |

### Mounting

|               |                   |
|---------------|-------------------|
| Mounting type | DIN rail mounting |
| Pin layout    | Linear pinning    |

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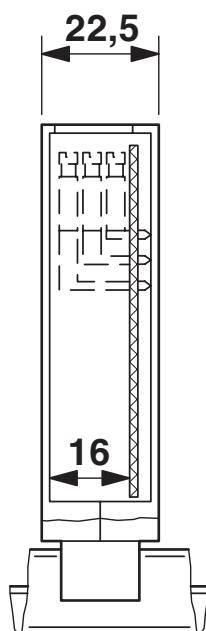
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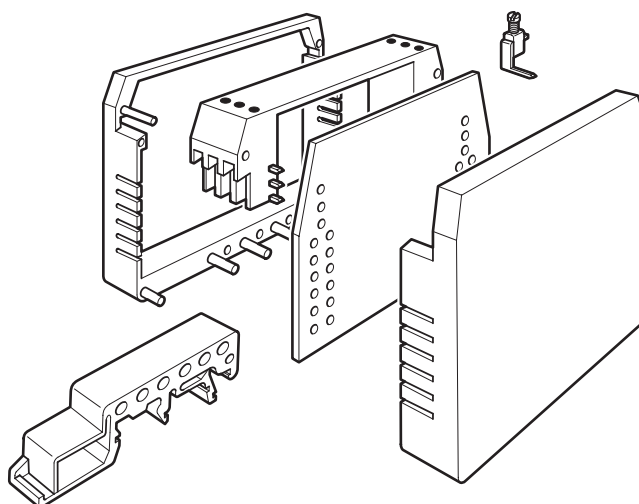
## Drawings

Dimensional drawing

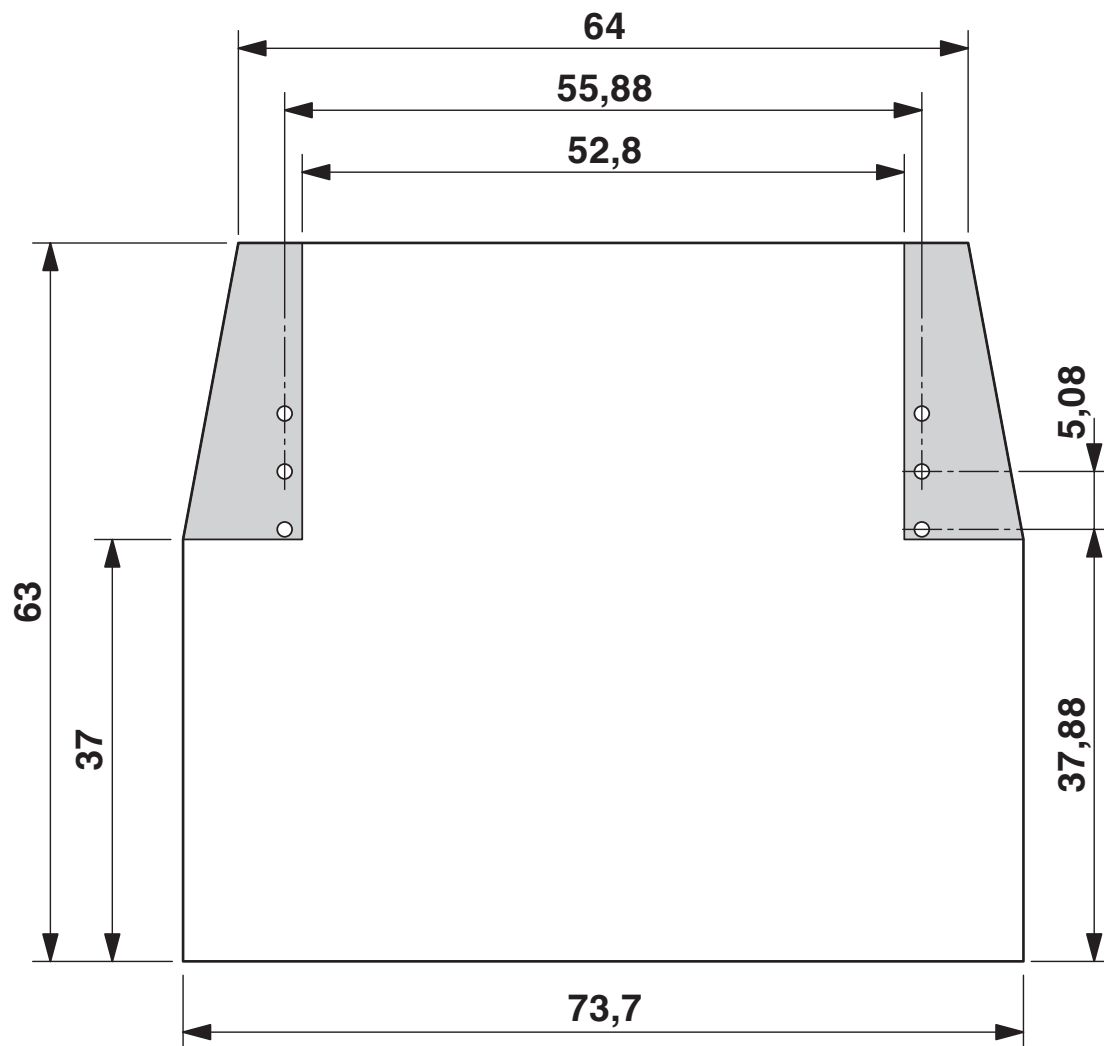


UEGM 22,5... with 1 PCB, 6 positions or 12 positions (FS/FS)

Exploded view



Dimensional drawing



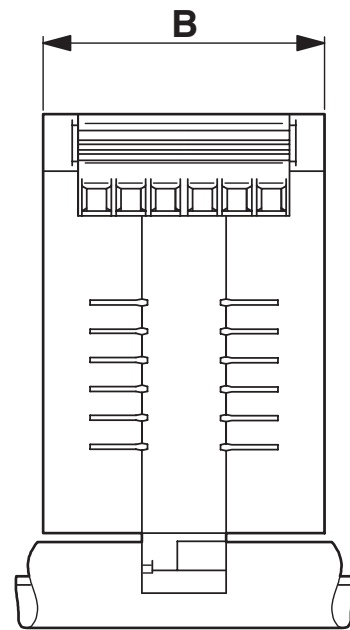
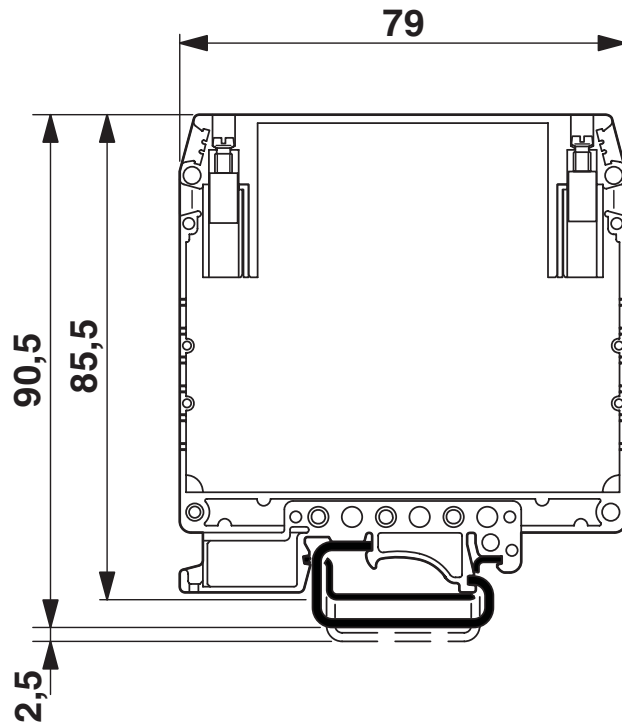
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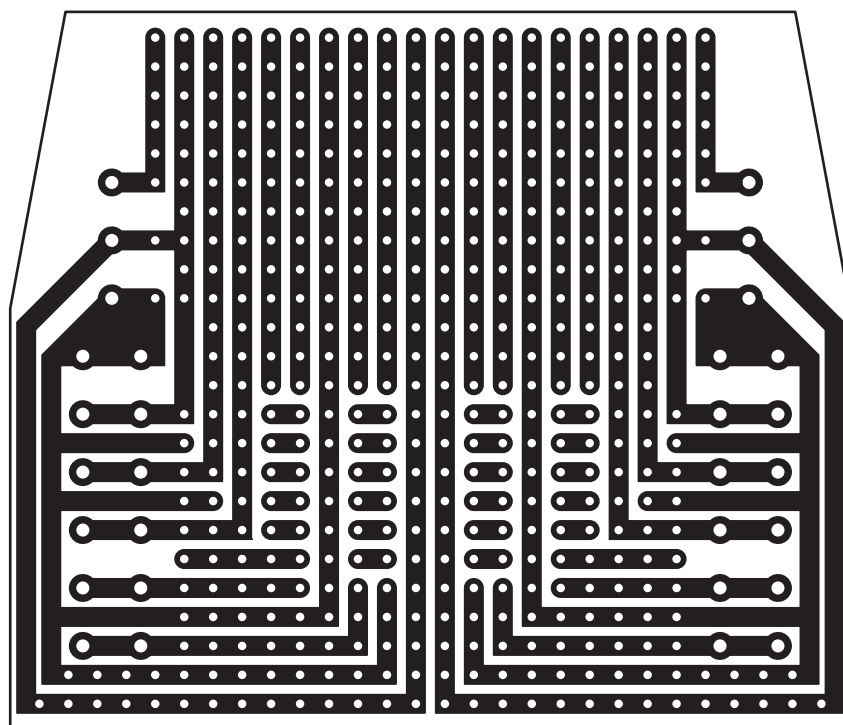
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Dimensional drawing



Schematic diagram



Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2792002>

|                                                                                                                                                       |                       |                       |                   |                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
| <div> <b>cULus Recognized</b><br/>Approval ID: E60425-19770427</div> |                       |                       |                   |                             |
|                                                                                                                                                       | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| 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-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%                                                                                                                                                                                                        |