

# EMG 25-LG - Electronics housing



2948319

<https://www.phoenixcontact.com/us/products/2948319>

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Electronic housing, with snap foot for DIN rail EN 50022 for PCB insertion, without screw connection terminal blocks and cover

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2948319       |
| Packing unit                         | 5 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AC11          |
| Product key                          | ACHCBA        |
| GTIN                                 | 4017918083267 |
| Weight per piece (including packing) | 30.6 g        |
| Weight per piece (excluding packing) | 29.57 g       |
| Customs tariff number                | 84879090      |
| Country of origin                    | DE            |

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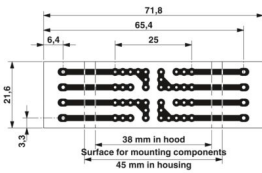


## Technical data

### Product properties

|                              |                                                 |
|------------------------------|-------------------------------------------------|
| Product type                 | Complete housing                                |
| Housing type                 | Component housing                               |
| Housing series               | EMG                                             |
| Product family               | EMG                                             |
| Type                         | Lower part of housing, removable cover optional |
| Number of positions          | 8                                               |
| Pitch                        | 5 mm                                            |
| Ventilation openings present | no                                              |

### Dimensions

|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 25 mm                                                                               |
| Installed height    | 47.5 mm                                                                             |
| Height NS 35/7,5    | 55 mm<br>100 mm                                                                     |
| Depth               | 75 mm                                                                               |
| Length              | 75 mm                                                                               |
| Pitch               | 5 mm                                                                                |

### Material specifications

|                                        |                             |
|----------------------------------------|-----------------------------|
| Color (Housing)                        | green (RAL 6021)            |
| Material Housing                       | PC (glass-fiber reinforced) |
| Flammability rating according to UL 94 | V0                          |
| Surface characteristics                | untreated                   |

### Environmental and real-life conditions

#### Ambient conditions

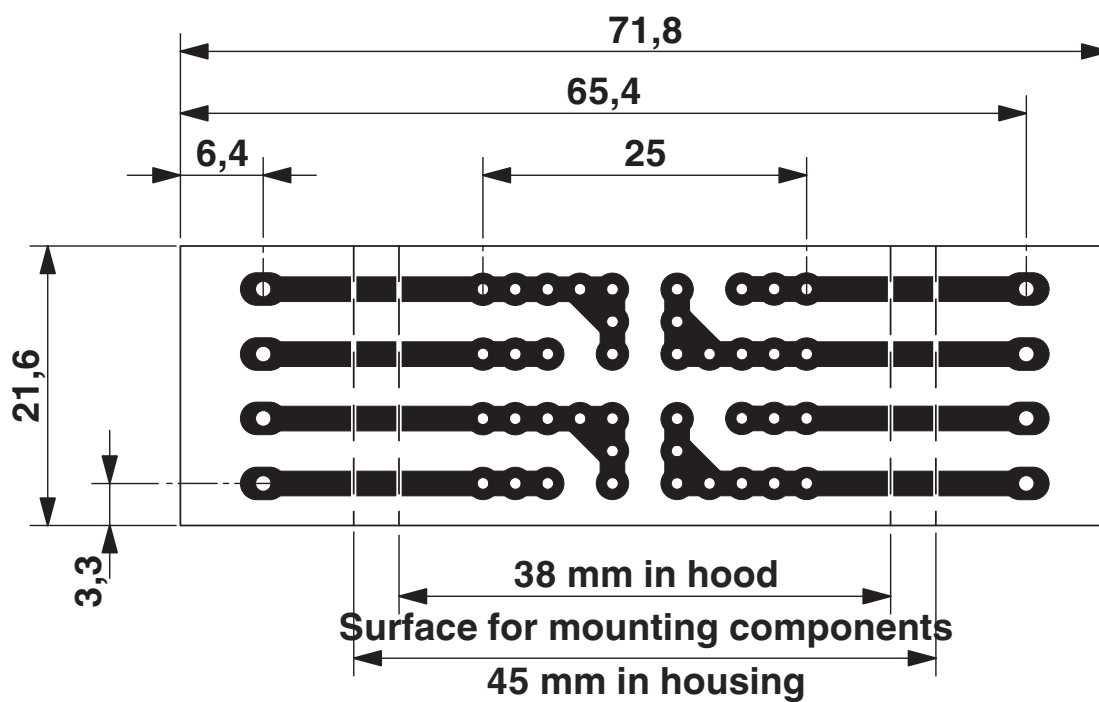
|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

### Mounting

|               |                   |
|---------------|-------------------|
| Mounting type | DIN rail mounting |
|---------------|-------------------|

## Drawings

Dimensional drawing



Pitch 5 mm

a = Area for mounting components, 38 mm in the hood

b = Area for mounting components, 45 mm in the housing

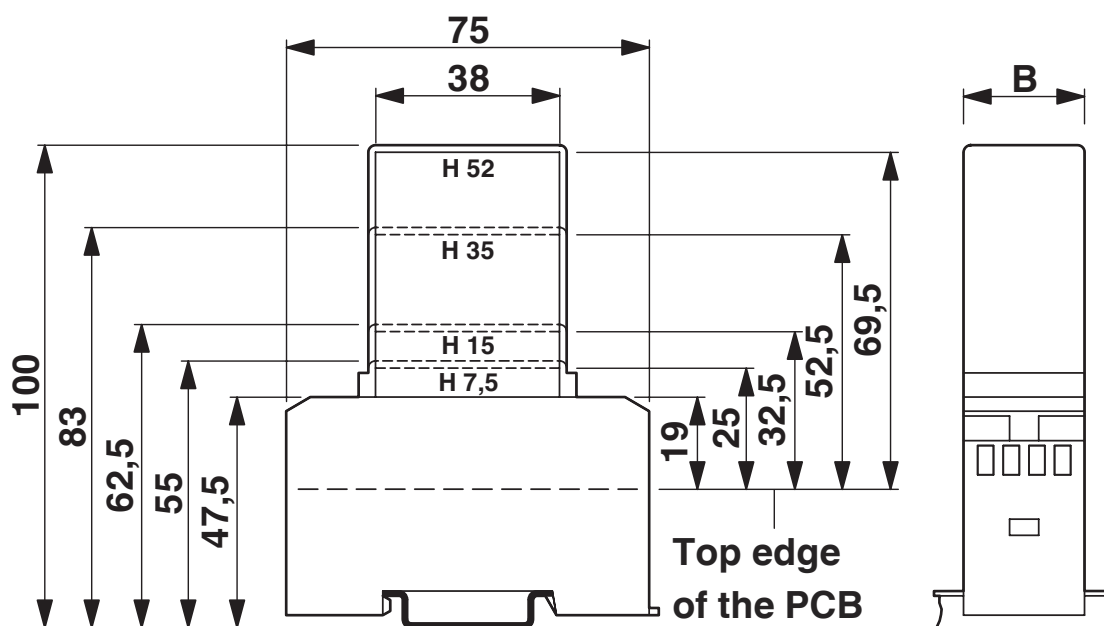
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Dimensional drawing



1 = Top edge of the PCB

B = Housing width

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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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