

## Electronic housing - EMG100-LG/O - 2907567

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Electronic housing, for PCB insertion, without screw connection terminal blocks and cover, with open terminal space

### Product Features

- ✓ Choice of four cover sizes in transparent or color versions
- ✓ Practical and easy-to-wire conductor connections
- ✓ User-friendly and safe mounting on DIN rails according to EN 60715
- ✓ Uniform and appropriate housing technology
- ✓ Space-saving accommodation of electronic components in finely graded module versions available with 10 to 150 mm pitch
- ✓ High degree of flexibility due to the wide choice of versions
- ✓ Inflammability class V0 insulation material (according to UL 94)
- ✓ Shock and contamination-proof accommodation of electronic components
- ✓ Universal PCBs for all pitches



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Weight per Piece (excluding packing) | 78.16 GRM |
| Custom tariff number                 | 85472000  |
| Country of origin                    | Germany   |

### Technical data

#### General

|                  |                                |
|------------------|--------------------------------|
| Housing type     | Component housing              |
| Housing material | Polycarbonate fiber reinforced |
| Color            | green                          |

#### Ambient conditions

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

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### Technical data

#### Dimensions

|                       |         |
|-----------------------|---------|
| Length                | 75 mm   |
| Constructional height | 47.5 mm |
| Width                 | 100 mm  |

#### Technical data

|                                                               |                    |
|---------------------------------------------------------------|--------------------|
| Inflammability class according to UL 94                       | V0                 |
| Power dissipation at 20°C in the horizontal mounting position | 6.9 W 7.8 W 7.5 mm |
|                                                               | 8 W 8.4 W 15 mm    |
|                                                               | 8.9 W 9.8 W 52 mm  |

#### Connection data

|                                        |                     |
|----------------------------------------|---------------------|
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.     | 4 mm <sup>2</sup>   |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min. | 24                  |
| Conductor cross section AWG/kcmil max  | 12                  |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27180401 |
| eCl@ss 4.1 | 27180401 |
| eCl@ss 5.0 | 27180506 |
| eCl@ss 5.1 | 27180506 |
| eCl@ss 6.0 | 27180802 |
| eCl@ss 7.0 | 27182702 |
| eCl@ss 8.0 | 27182702 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001031 |
| ETIM 3.0 | EC001031 |
| ETIM 4.0 | EC001031 |
| ETIM 5.0 | EC000886 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |

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## Classifications

### UNSPSC

|              |          |
|--------------|----------|
| UNSPSC 12.01 | 31261501 |
| UNSPSC 13.2  | 31261501 |

## Approvals

### Approvals

Approvals

GOST

Ex Approvals

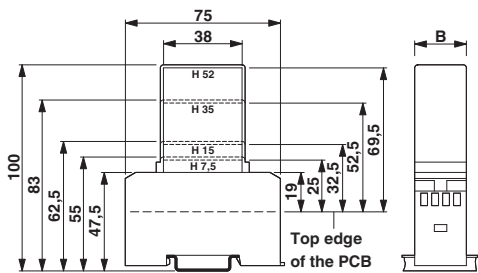
Approvals submitted

### Approval details

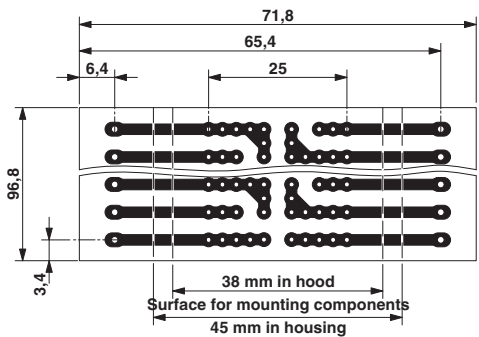
GOST 

## Drawings

Dimensioned drawing



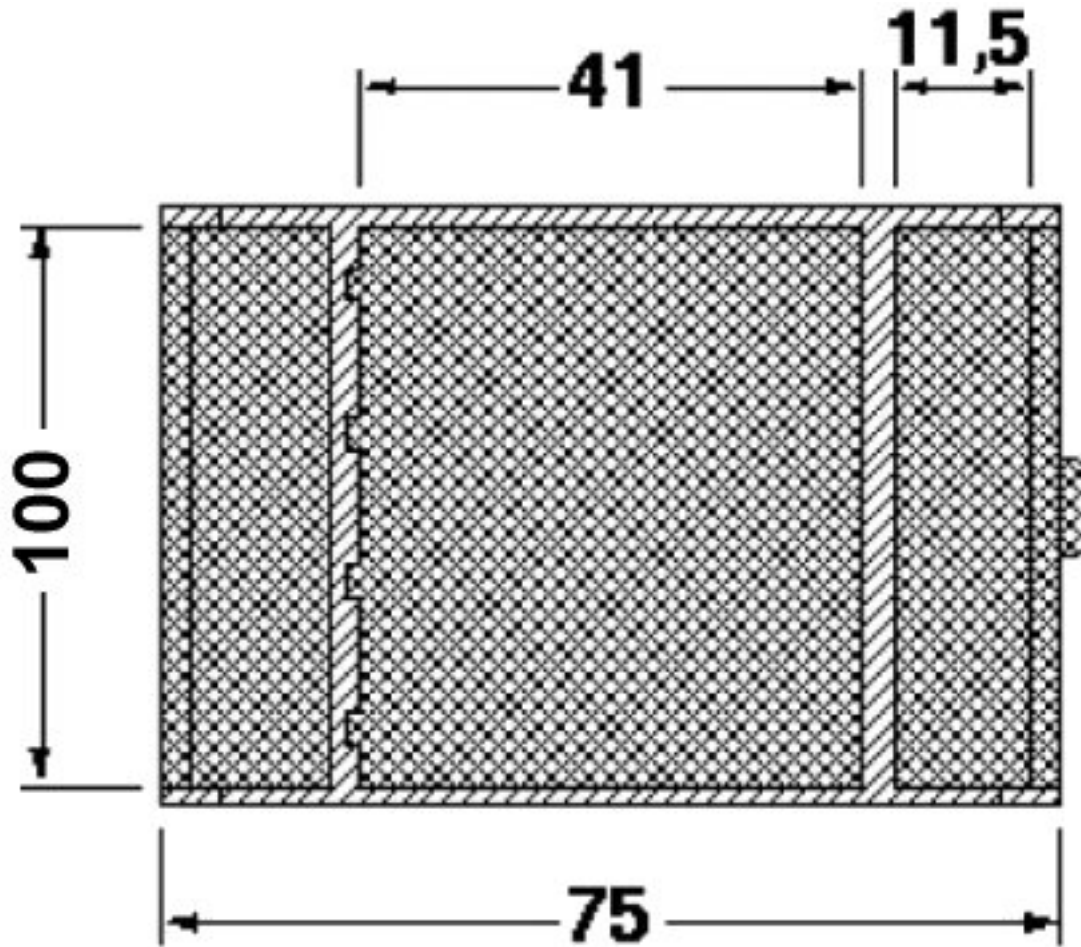
Dimensioned drawing



1 = Top edge of the PCB  
B = Housing width

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Dimensioned drawing



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