

# Electronic housing - EMG125-B24 - 2947996

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Custom circuit module, consisting of housing, MKDS 3 connection terminal blocks and PCB

## Product Features

- Choice of four cover sizes in transparent or color versions
- Practical and easy-to-wire conductor connections
- Space-saving accommodation of electronic components in finely graded module versions available with 10 to 150 mm pitch
- User-friendly and safe mounting on DIN rails according to EN 60715
- Uniform and appropriate housing technology
- 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

|                         |               |
|-------------------------|---------------|
| <b>package_quantity</b> | 2             |
| <b>GTIN</b>             | 4017918083106 |

## Technical data

### General

|                         |                                |
|-------------------------|--------------------------------|
| <b>Housing type</b>     | Component housing              |
| <b>Housing material</b> | Polycarbonate fiber reinforced |
| <b>Color</b>            | green                          |

### Ambient conditions

|                                        |                   |
|----------------------------------------|-------------------|
| <b>Ambient temperature (operation)</b> | -40 °C ... 125 °C |
|----------------------------------------|-------------------|

### Dimensions

|                              |         |
|------------------------------|---------|
| <b>Length</b>                | 75 mm   |
| <b>Constructional height</b> | 47.5 mm |
| <b>Width</b>                 | 125 mm  |
| <b>Pitch</b>                 | 5 mm    |

### Technical data

|                                                                      |                   |
|----------------------------------------------------------------------|-------------------|
| <b>Inflammability class according to UL 94</b>                       | V0                |
| <b>Power dissipation at 20°C in the horizontal mounting position</b> | 9.5 W 11 W 7.5 mm |

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## Technical data

### Technical data

|                                                               |                     |
|---------------------------------------------------------------|---------------------|
| Power dissipation at 20°C in the horizontal mounting position | 10.6 W 12.4 W 15 mm |
| Power dissipation at 20°C in the horizontal mounting position | 11.6 W 13 W 52 mm   |
| Number of positions                                           | 48                  |

### 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 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |

## approvals

GOST /

### Approval details

# Electronic housing - EMG125-B24 - 2947996

approvals



accessories

**Filler plug**

EMG-KA - 2941510



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**Device marking**

EMG-GKS 22 - 2941594



accessories

EMG-GKS 12 - 2947035

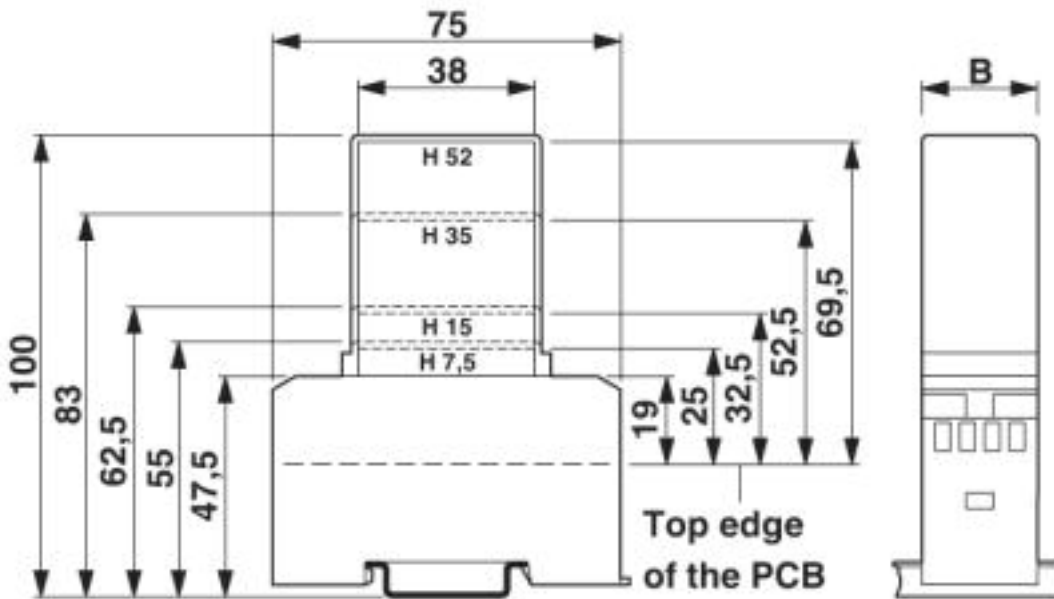


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Drawings

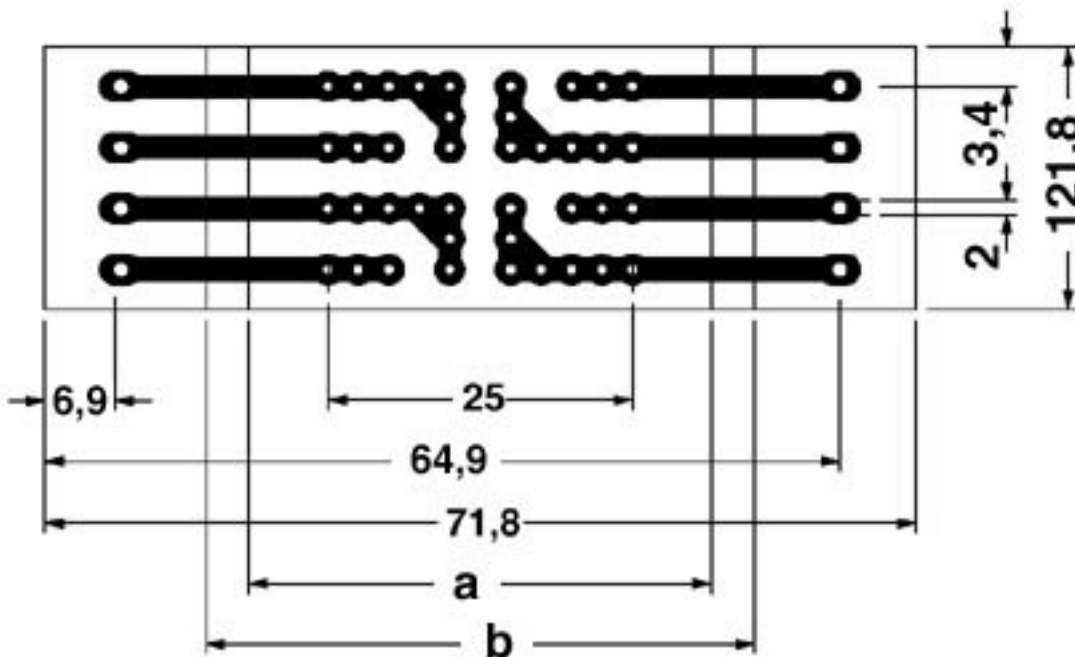
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Dimensioned drawing



1 = Top edge of the PCB B = Housing width

Dimensioned drawing



Pitch 5 mma = Area for mounting components, 38 mm in the hood  
Area for mounting components, 45 mm in the housing