

# Electronic housing - EMG 50-LG - 2947242

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

## 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
- 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
- Uniform and appropriate housing technology
- 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>	5
<b>GTIN</b>	4017918082680

## 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
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### Dimensions

<b>Length</b>	75 mm
<b>Constructional height</b>	47.5 mm
<b>Width</b>	50 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>	2.3 W 2.6 W 7.5 mm

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## Technical data

### Technical data

Power dissipation at 20°C in the horizontal mounting position	2.8 W 3.4 W 15 mm
Power dissipation at 20°C in the horizontal mounting position	4.7 W 6 W 52 mm
Number of positions	18

### 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
Stripping length	8 mm

## 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 - EMG 50-LG - 2947242

approvals



accessories

## Filler plug

EMG-KA - 2941510



EMG-KA - 2941510



## Device marking

EMG-GKS 22 - 2941594



EMG-GKS 22 - 2941594

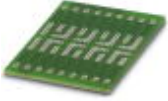


## PCB

## Electronic housing - EMG 50-LG - 2947242

### accessories

P 1-EMG 50 - 2947255



### accessories

EMG-GKS 12 - 2947035



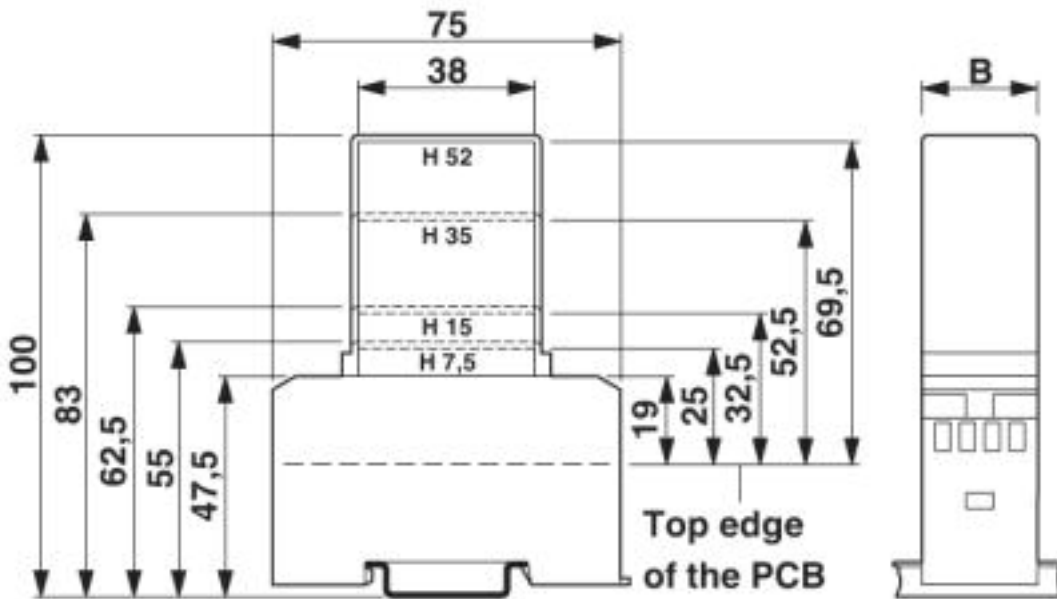
EMG-GKS 12 - 2947035



### Drawings

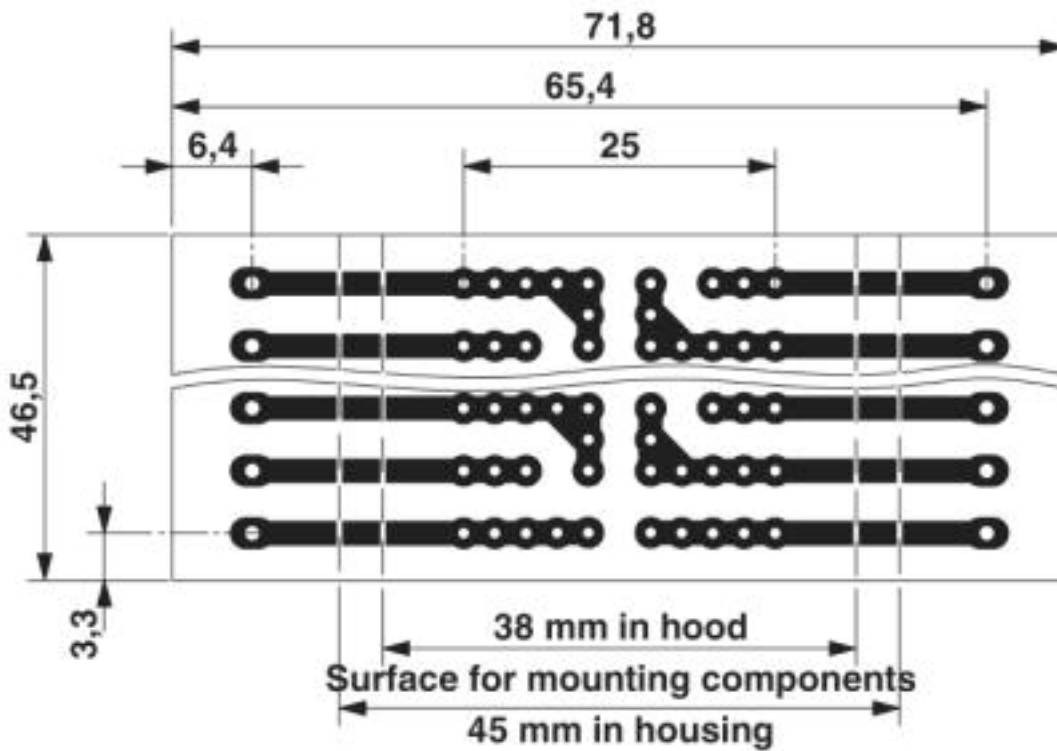
# Electronic housing - EMG 50-LG - 2947242

Dimensioned drawing



1 = Top edge of the PCB B = Housing width

Dimensioned drawing



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

