

## Electronic housing - EMG 50-LG - 2947242

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

### Your advantages

- 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

Packing unit	5 pc
GTIN	 4 017918 082680
GTIN	4017918082680

### Technical data

#### General

Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color (RAL)	green

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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#### Dimensions

Length	75 mm
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## Technical data

### Dimensions

Height	47.5 mm
Width	50 mm
Pitch	5 mm
Depth	75 mm

### Technical data

Power dissipation without gap	2.3 W
Power dissipation with 20 mm gap	2.6 W
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 flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Stripping length	8 mm

### Standards and Regulations

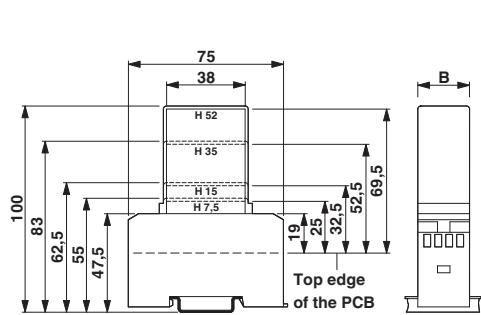
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

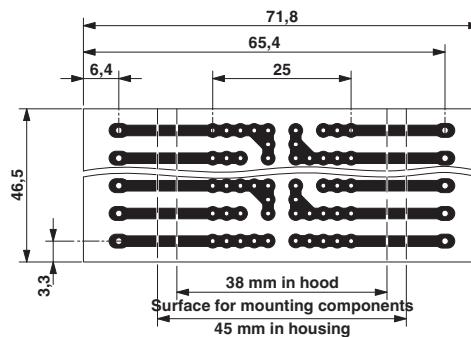
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing



Dimensional drawing



1 = Top edge of the PCB  
B = Housing width

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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### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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#### Approval details

EAC



B.01742

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