

# Electronic housing - EMG100-LG - 2947080

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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
- ✓ 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
- ✓ User-friendly and safe mounting on DIN rails according to EN 60715
- ✓ 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	
GTIN	4017918082550

## 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	100 mm
Pitch	5 mm
Depth	75 mm

### Technical data

Power dissipation without gap	6.9 W
Power dissipation with 20 mm gap	7.8 W
Number of positions	38

### 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

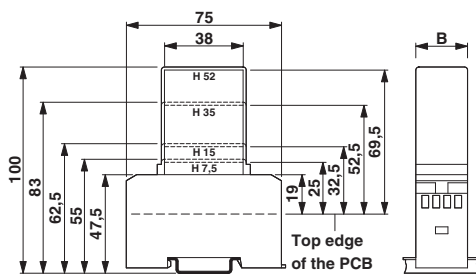
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

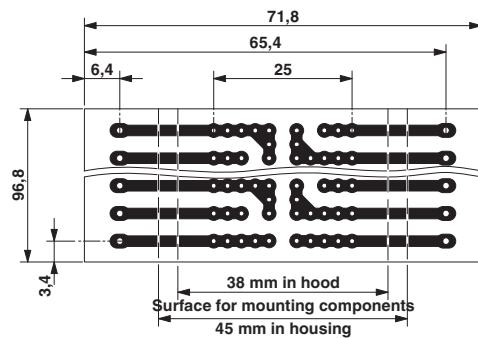
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Dimensional drawing



Dimensional drawing



Pitch 5 mm

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

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

## Electronic housing - EMG100-LG - 2947080

### 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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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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