

## Electronic housing - EMG150-LG - 2946023

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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
- ✓ Uniform and appropriate housing technology
- ✓ High degree of flexibility due to the wide choice of versions
- ✓ 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
- ✓ 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	2 pc
GTIN	
GTIN	4017918081997

### Technical data

#### General

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

#### Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)

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## Technical data

### Dimensions

Height	47.5 mm
Width	150 mm
Pitch	5 mm
Depth	75 mm

### Technical data

Power dissipation without gap	12.3 W
Power dissipation with 20 mm gap	13.1 W
Number of positions	58

### 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

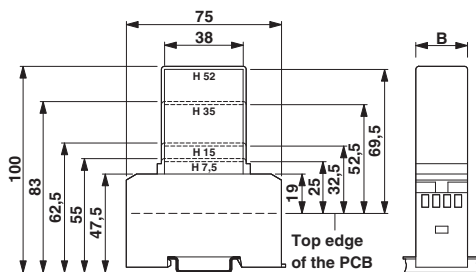
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

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

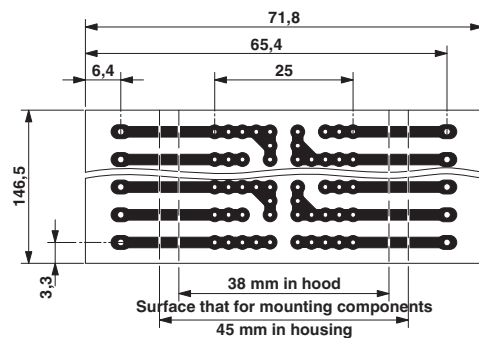
## Drawings

Dimensional drawing



1 = Top edge of the PCB  
B = Housing width

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 - EMG150-LG - 2946023

### 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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