

## Electronic housing - EMG125-B24 - 2947996

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

### 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
- ✓ 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

Packing unit	2 pc
GTIN	
GTIN	4017918083106

### 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	125 mm
Pitch	5 mm
Depth	75 mm

### Technical data

Power dissipation without gap	9.5 W
Power dissipation with 20 mm gap	11 W
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 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

### Standards and Regulations

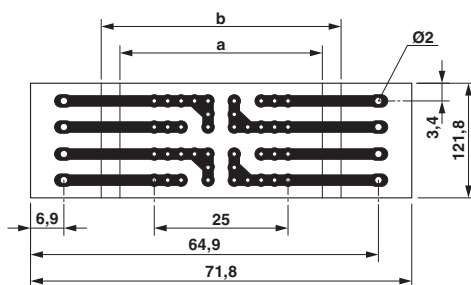
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

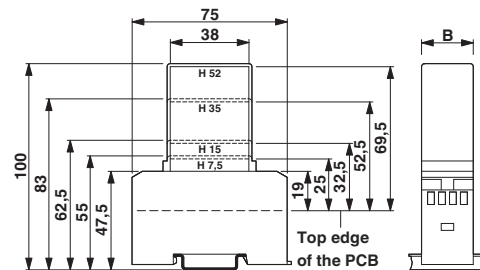
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## 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

1 = Top edge of the PCB  
 B = Housing width

## Electronic housing - EMG125-B24 - 2947996

### 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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