

Electronic housing - EMG 90-LG - 2946256

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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
- ✓ High degree of flexibility due to the wide choice of versions
- ✓ Uniform and appropriate housing technology
- ✓ 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
- ✓ 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	1 pc
GTIN	 4 017918 082215
Weight per Piece (excluding packing)	68.93 GRM
Custom tariff number	85472000
Country of origin	Germany

Technical data

General

Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color	green

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Technical data

Ambient conditions

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

Length	75 mm
Constructional height	47.5 mm
Width	90 mm
Pitch	5 mm

Technical data

Inflammability class according to UL 94	V0
Power dissipation at 20°C in the horizontal mounting position	4.1 W 4.6 W 7.5 mm
	5 W 5.7 W 15 mm
	6.1 W 7.1 W 52 mm
Number of positions	34

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
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

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Classifications

ETIM

ETIM 5.0	EC001031
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UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details

GOST 
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Drawings

Pitch 5 mm

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

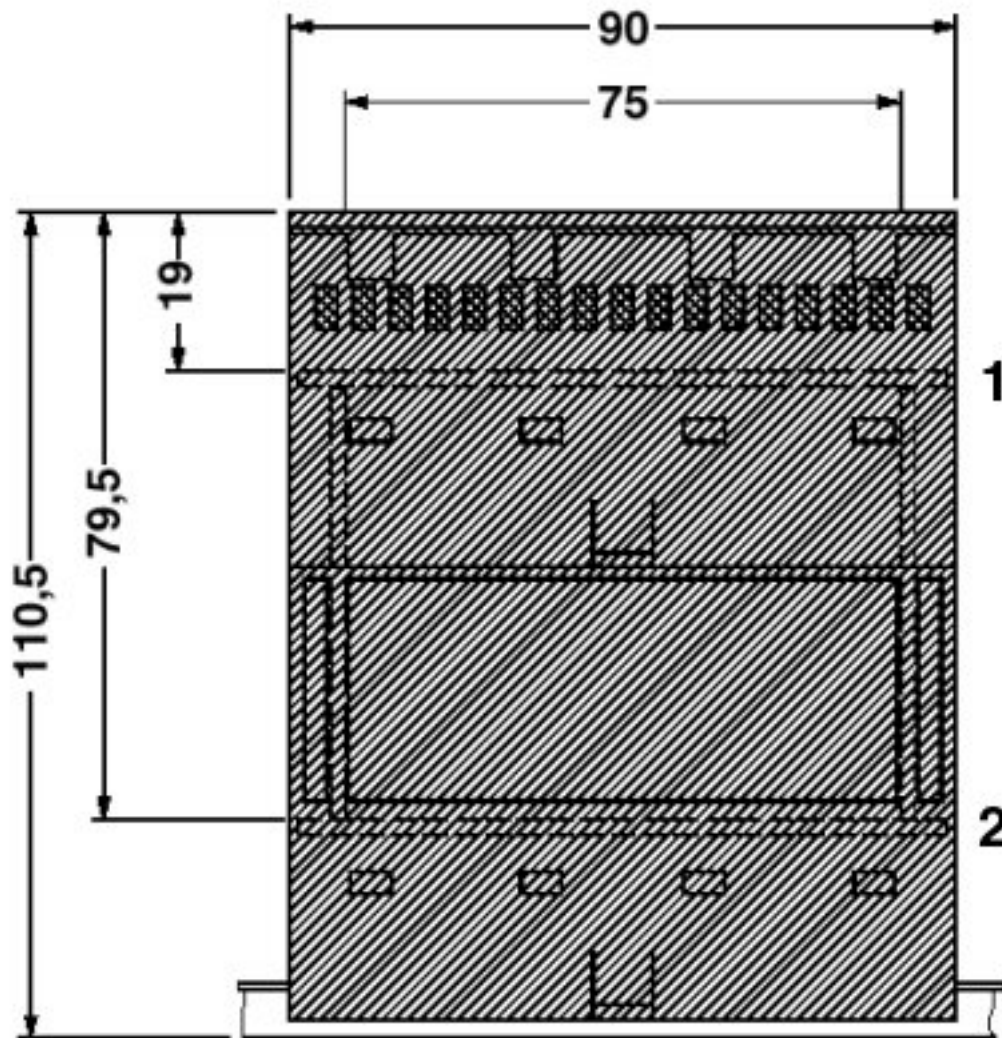
Technical drawing of the rear view of a component. The overall width is 71,8 mm. The distance between the centers of the two main groups of mounting holes is 65,4 mm. The distance from the left edge to the center of the first group of holes is 6,4 mm. The distance between the centers of the two groups of holes is 25 mm. The overall height is 88 mm. The distance from the bottom edge to the center of the mounting holes is 4 mm. The distance between the centers of the two groups of holes is 38 mm in hood. The surface for mounting components is 45 mm in housing.

Technical drawing of the H 52 module showing dimensions and labels. The drawing includes a side view and a top view. The side view shows a rectangular module with a total height of 100. The top view shows a rectangular module with a total width of 75 and a central width of 38. The side view also shows the following dimensions: 83 (total height), 62.5 (height to the top of the H 52 section), 55 (height to the top of the H 35 section), 47.5 (height to the top of the H 15 section), 19 (height to the top of the H 7.5 section), 25 (height to the top of the H 7.5 section), 32.5 (height to the top of the H 7.5 section), 52.5 (height to the top of the H 7.5 section), and 69.5 (height to the top of the H 7.5 section). The top view shows the following dimensions: 75 (total width), 38 (central width), and B (width of the H 52 section). The labels H 52, H 35, H 15, and H 7.5 are placed within the corresponding sections of the module. The label 'Top edge of the PCB' is placed at the bottom of the side view.

B = Housing width

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Dimensioned drawing



1 = Top edge of the PCB
2 = Top edge of the PCB