

# EMG125-LG - Electronics housing

2947983

<https://www.phoenixcontact.com/us/products/2947983>



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



## Commercial data

Item number	2947983
Packing unit	2 pc
Minimum order quantity	1 pc
Sales key	AC11
Product key	ACHCBA
Catalog page	Page 715 (C-1-2013)
GTIN	4017918083090
Weight per piece (including packing)	103.1 g
Weight per piece (excluding packing)	100 g
Customs tariff number	84879090
Country of origin	DE

## Technical data

## Product properties

Product type	Complete housing
Housing type	Component housing
Housing series	EMG
Product family	EMG
Type	Lower part of housing, removable cover optional
Number of positions	48
Pitch	5 mm
Type	Lower and upper part, with snap-on foot

## Dimensions

[illegible]

## Material specifications

Color (Housing)	green (RAL 6021)
Flammability rating according to UL 94	V0
Housing material	Polycarbonate, glass-fiber-reinforced
Surface characteristics	untreated

### Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 125 °C

## Mounting

Mounting type	DIN rail mounting
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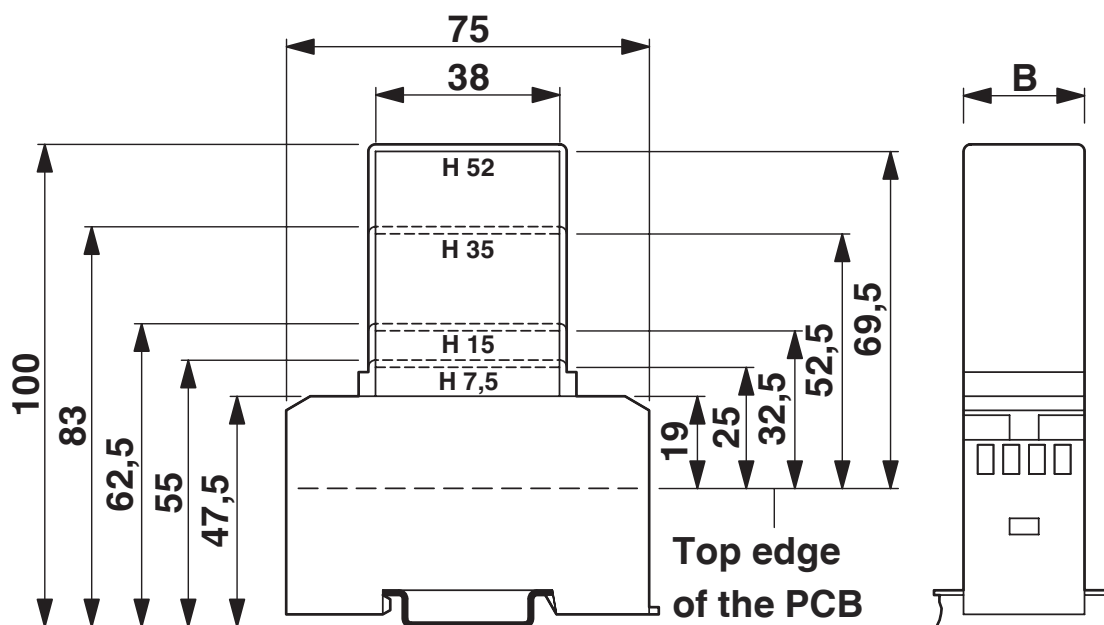
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## Drawings

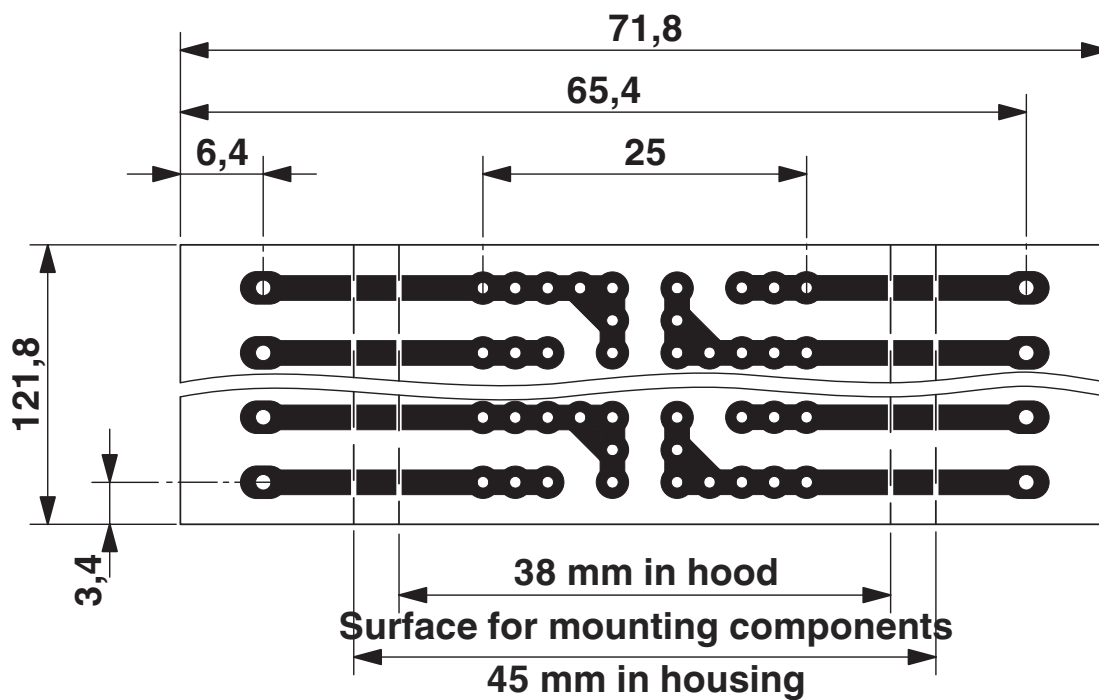
Dimensional drawing



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

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## Classifications

### ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190101

### ETIM

ETIM 8.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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## Mandatory accessories

### EMG125-H 7,5MM KLAR - Covering hood

2943194

<https://www.phoenixcontact.com/us/products/2943194>



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm

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### EMG125-H 15MM KLAR - Covering hood

2943181

<https://www.phoenixcontact.com/us/products/2943181>



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 125 mm

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## EMG125-H 52MM GN - Covering hood

2943518

<https://www.phoenixcontact.com/us/products/2943518>



Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 125 mm

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## Accessories

### EMG-KA - Cover

2941510

<https://www.phoenixcontact.com/us/products/2941510>



Terminal block/screw cover, set consisting of 50 strips each for terminal blocks and screw openings, 1 strip covers 12 terminal points.



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## EMG-GKS 22 - Marking material

2941594

<https://www.phoenixcontact.com/us/products/2941594>



Device marking label, width: 22 mm, area: 22 x 8 mm, e.g. for EML(20x8) R adhesive marking material

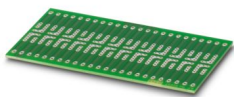
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## P 1-EMG125 - PCB

2946010

<https://www.phoenixcontact.com/us/products/2946010>

PCB for assembling electronic components



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## EMG-GKS 12 - Marking material

2947035

<https://www.phoenixcontact.com/us/products/2947035>



Device marking label, width: 12 mm, area: 12 x 8 mm, e.g. for EML(10x7) R adhesive marking material

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