

# EMG 90-LG - Electronics housing

2946256

<https://www.phoenixcontact.com/us/products/2946256>



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



## Commercial data

Item number	2946256
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	AC11
Product key	ACHCBA
Catalog page	Page 713 (C-1-2013)
GTIN	4017918082215
Weight per piece (including packing)	66.3 g
Weight per piece (excluding packing)	66.3 g
Customs tariff number	84879090
Country of origin	DE

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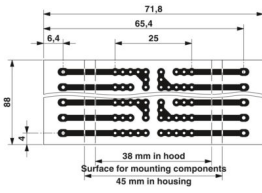


## Technical data

### 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	34
Pitch	5 mm
Set comprises	2907884 EMG 90-LG/SET
Type	Lower and upper part, with snap-on foot

### Dimensions

Dimensional drawing	
Width	90 mm
Installed height	47.5 mm
Height NS 35/7,5	55 mm
	83 mm
Depth	75 mm
Length	75 mm
Pitch	5 mm

### 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

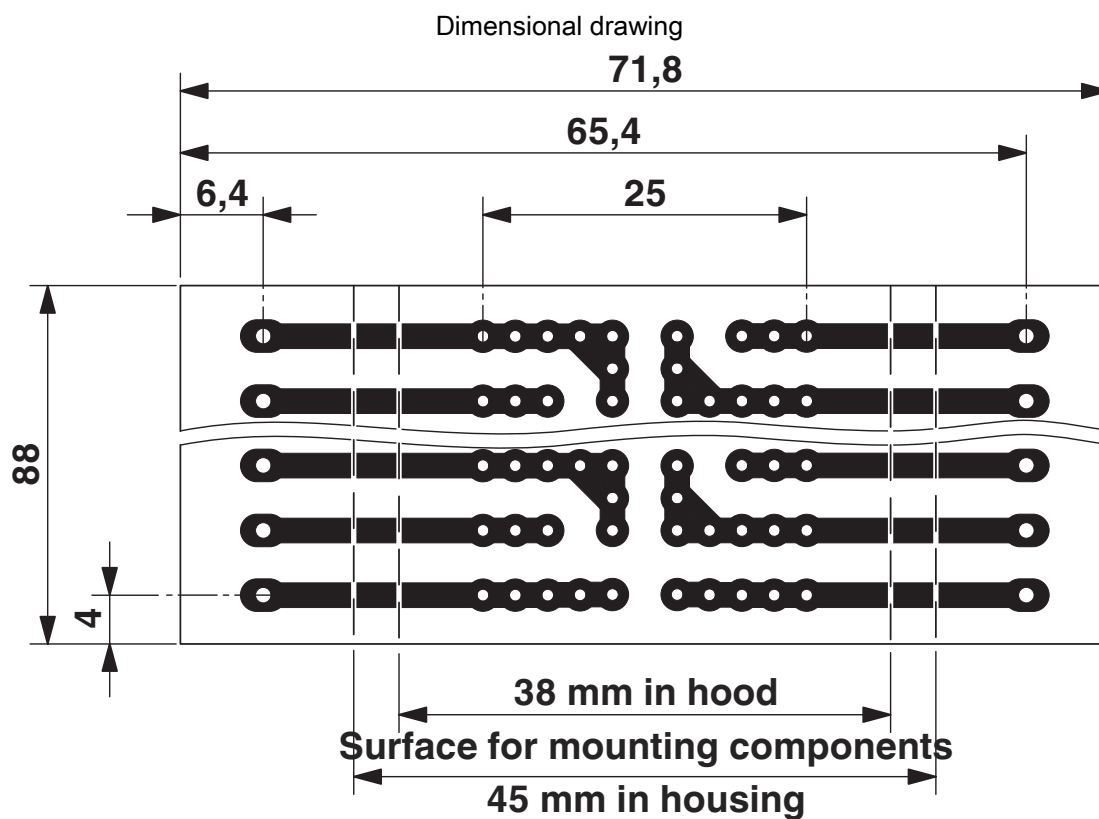
#### Ambient conditions

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

### Mounting

Mounting type	DIN rail mounting
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## Drawings



Pitch 5 mm

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

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

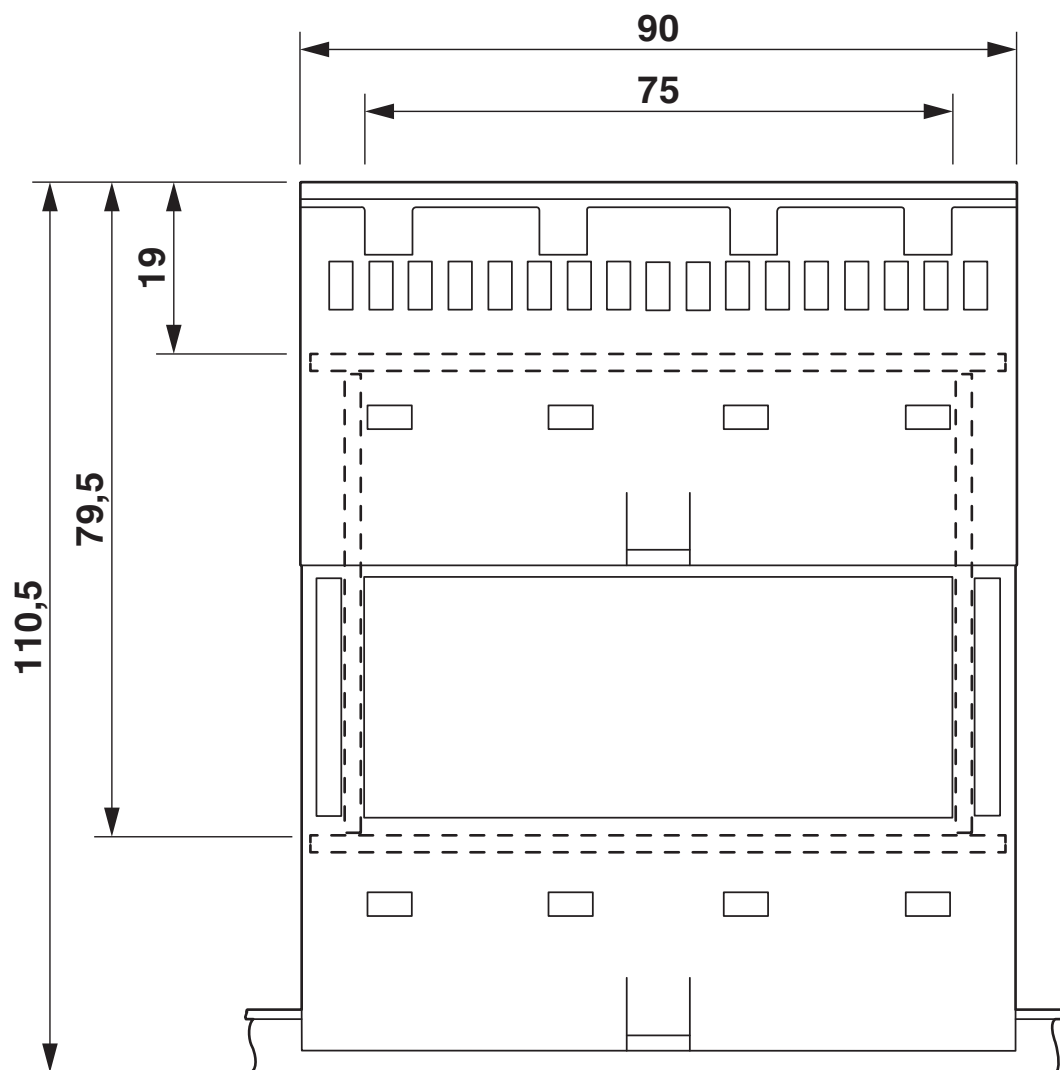
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Dimensional drawing



1 = Top edge of the PCB

2 = Top edge of the PCB

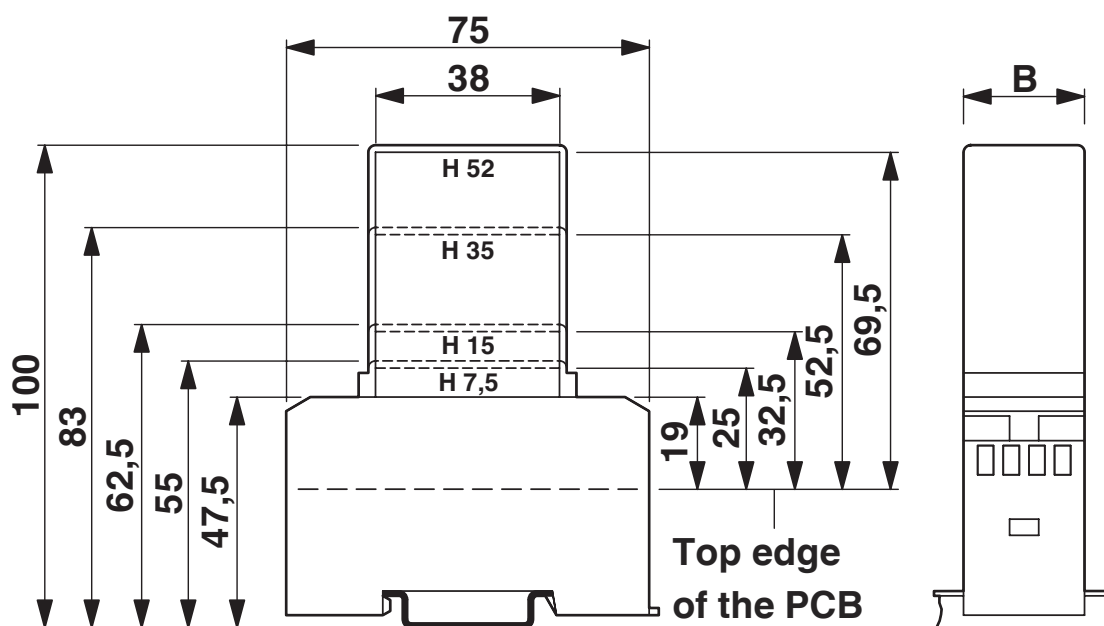
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Dimensional drawing



1 = Top edge of the PCB

B = Housing width

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## Classifications

### ECLASS

ECLASS-13.0	27190101
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### ETIM

ETIM 9.0	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
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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