

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

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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	48
Pitch	5 mm
Type	Lower and upper part, with snap-on foot

Dimensions

Dimensional drawing	
Width	125 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

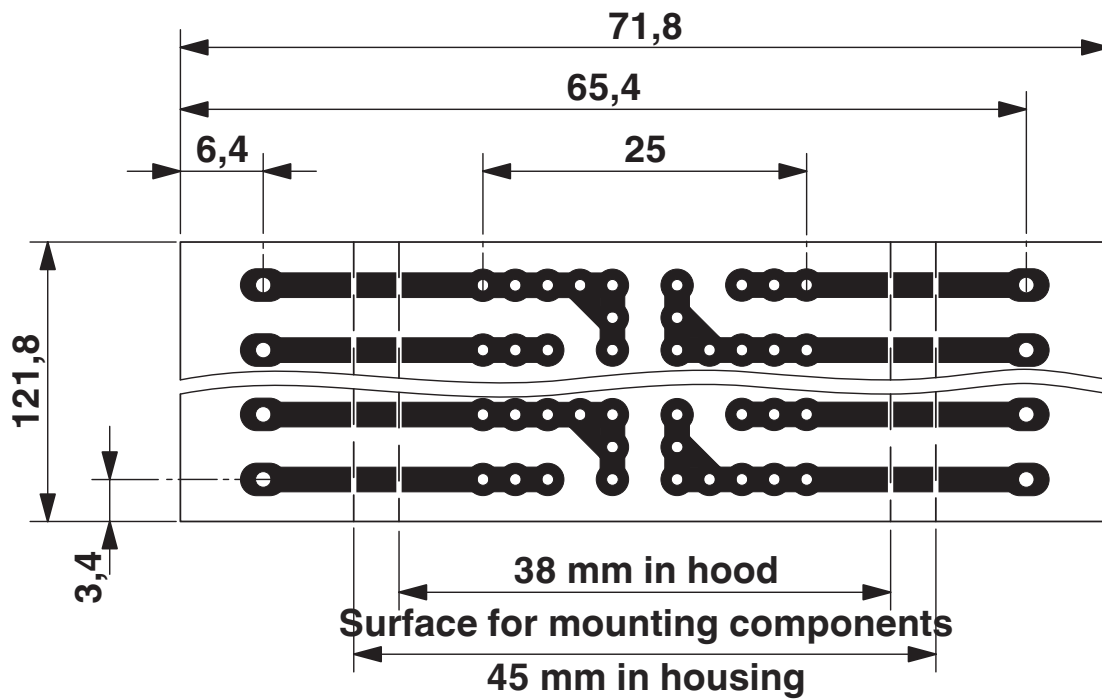
Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 125 °C

Mounting

Mounting type	DIN rail mounting
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Drawings

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

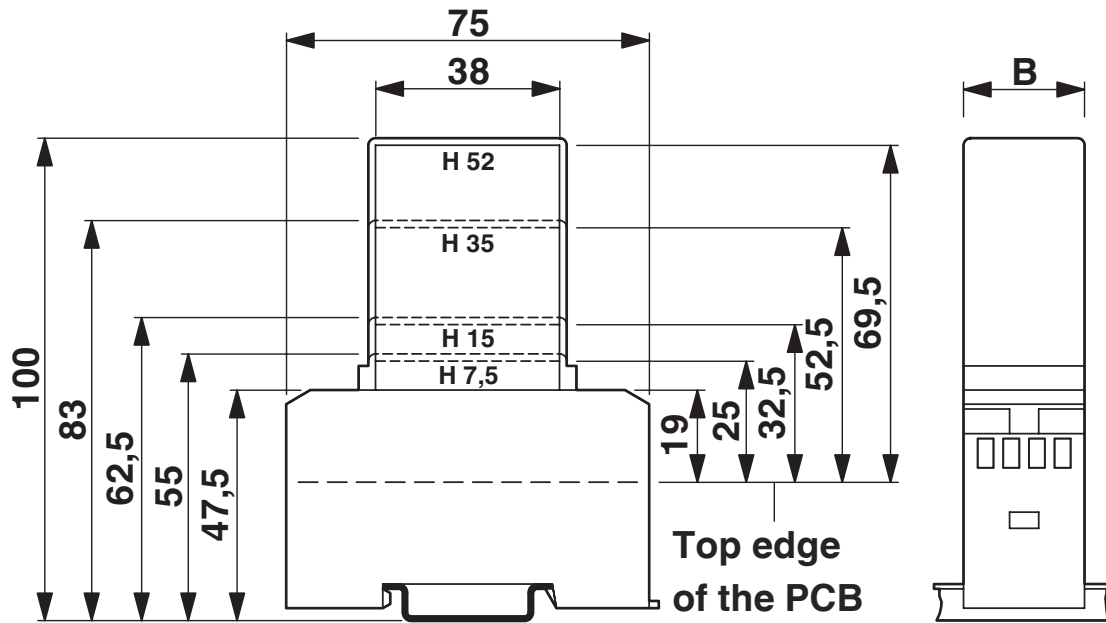
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Dimensional drawing



1 = Top edge of the PCB

B = Housing width

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Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190101

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
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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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