

# EMG 12-B2 - Electronics housing

2948306

<https://www.phoenixcontact.com/gb/products/2948306>



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



## Commercial data

Item number	2948306
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	ACHCBA
Product key	ACHCBA
Catalog page	Page 709 (C-1-2013)
GTIN	4017918083250
Weight per piece (including packing)	27.19 g
Weight per piece (excluding packing)	27.19 g
Customs tariff number	85369010
Country of origin	DE

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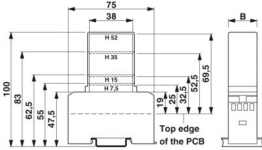


## Technical data

### Product properties

Product type	Stackable housing set
Housing type	Component housing
Housing series	EMG
Product family	EMG
Type	Lower housing part, removable cover as option, connection system integrated, PCB integrated
Number of positions	4
Pitch	5 mm
Type	Lower and upper part with universal foot, with PCB and solder tags that are led to the MKDS 3/... connection terminal blocks

### Dimensions

Dimensional drawing	
Width	12.5 mm
Installed height	47.5 mm
Height NS 35/7,5	55 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

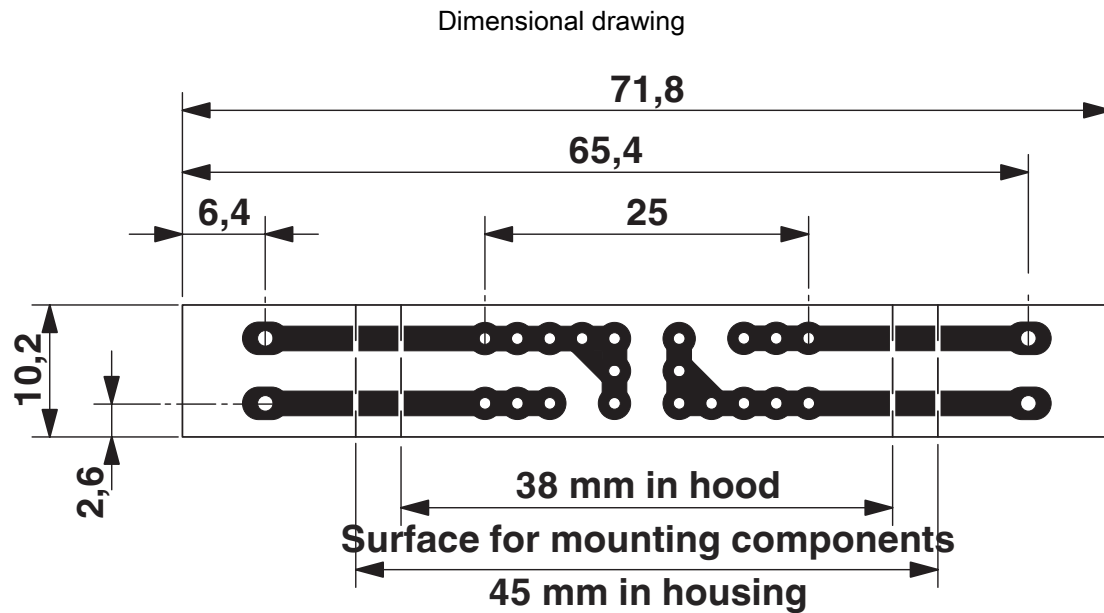
#### Ambient conditions

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

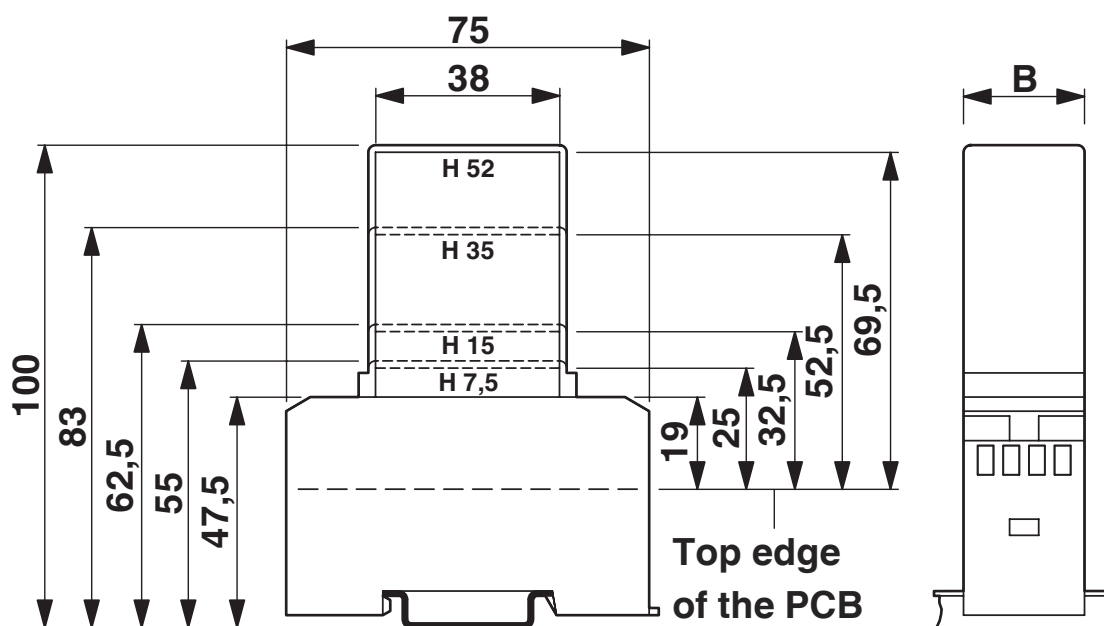
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Dimensional drawing



1 = Top edge of the PCB

B = Housing width

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## Classifications

### ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190301

### ETIM

ETIM 9.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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Environmental product compliance

China RoHS	
Environment friendly use period (EFUP)	<div>EFUP-50</div> <div>An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.</div>
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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