

# EMG 22-B4 - Electronics housing



2946146

<https://www.phoenixcontact.com/cn/products/2946146>

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



## Commercial data

Item number	2946146
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	ACHCBA
Product key	ACHCBA
Catalog page	Page 710 (C-1-2013)
GTIN	4017918082109
Weight per piece (including packing)	42.66 g
Weight per piece (excluding packing)	42.66 g
Customs tariff number	8536909000
Country of origin	DE

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## Technical data

## Product properties

Type	Lower housing part, removable cover as option, connection system integrated, PCB integrated
Product type	Stackable housing set
Product family	EMG
Number of positions	8
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
Housing type	Component housing
Housing series	EMG

## Dimensions

Dimensional drawing	
	<p>Technical drawing of the NS 35/7,5 terminal block. The drawing includes a front view and a side view. The front view shows a rectangular block with a width of 22.5 mm and a height of 47.5 mm. The side view shows a height of 69.5 mm. The drawing also indicates the top edge of the PCB and the dimensions of the individual terminals.</p>
Width	22.5 mm
Installed height	47.5 mm
Height NS 35/7,5	55 mm
	83 mm
	100 mm
Depth	75 mm
Length	75 mm
Pitch	5 mm

## Material specifications

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

### 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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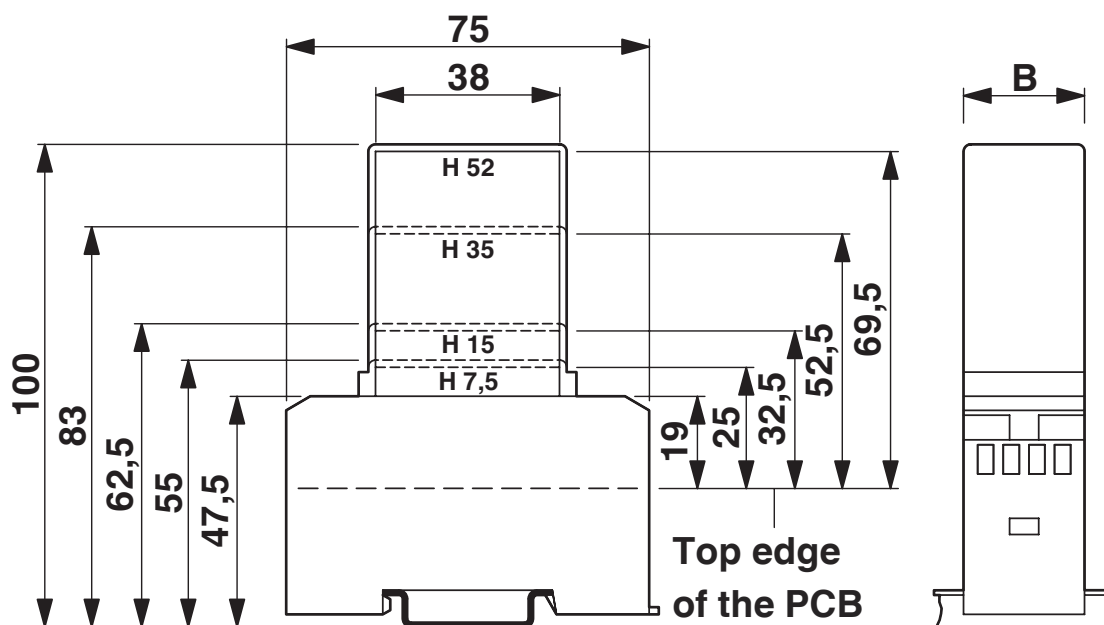
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## Drawings

Dimensional drawing



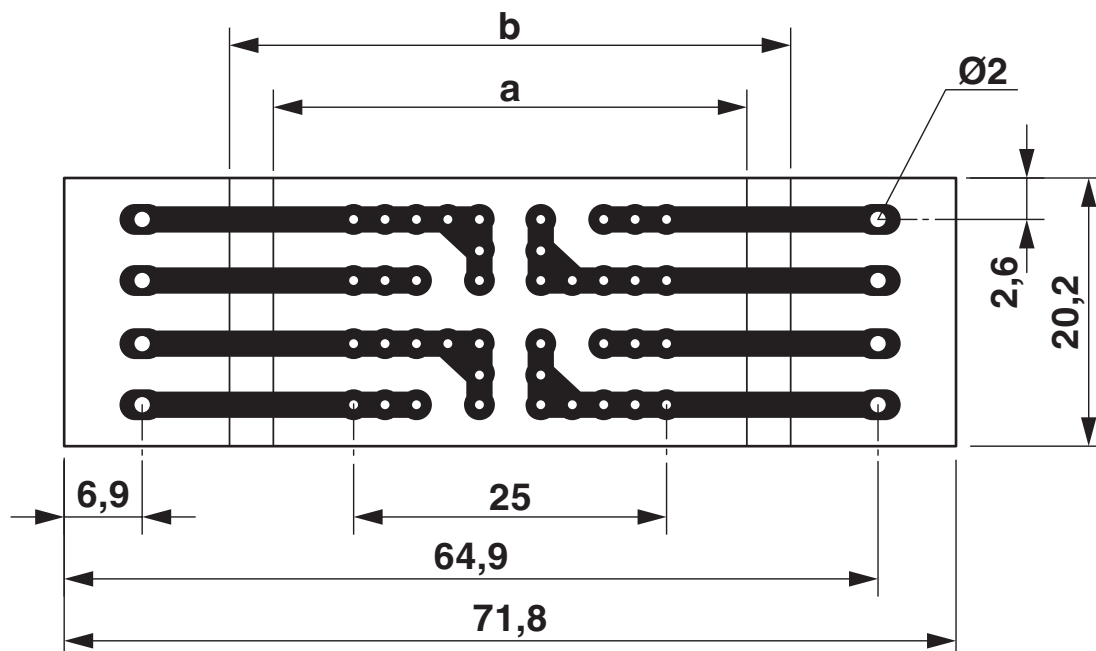
1 = Top edge of the PCB  
B = Housing width

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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	27190301

### ETIM

ETIM 8.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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