EMG 45-B8 - Electronics housing

2946201

https://www.phoenixcontact.com/us/products/2946201

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

Commercial data

Item number	2946201
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	AC11
Product key	ACHCBA
Catalog page	Page 712 (C-1-2013)
GTIN	4017918082161
Weight per piece (including packing)	85.06 g
Weight per piece (excluding packing)	85.06 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	16
Pitch	5.08 mm
Type	Lower and upper part with snap-on foot, with PCB and solder tags that are led to the MKDS 3/... connection terminal blocks

Dimensions

Dimensional drawing	
Width	45 mm
Installed height	47.5 mm
Height NS 35/7,5	55 mm
	83 mm
	100 mm
Depth	75 mm
Length	75 mm
Pitch	5.08 mm

Material specifications

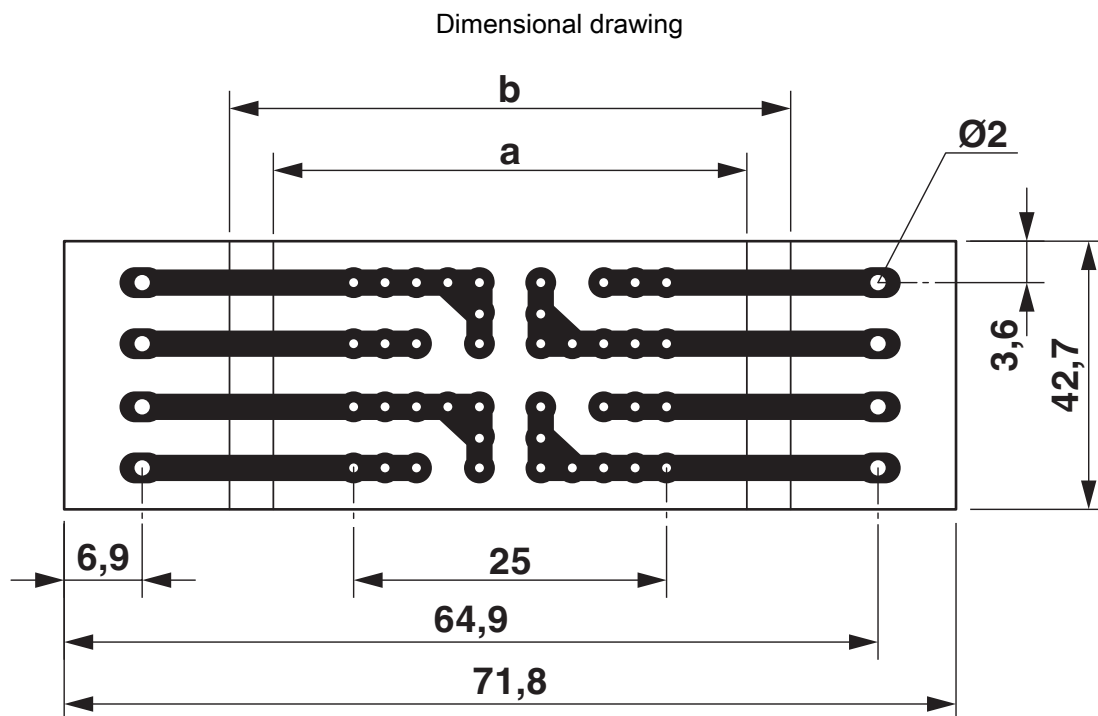|	
Color (Housing)	green (RAL 6021)
Flammability rating according to UL 94	V0
Housing material	Polycarbonate, glass-fiber-reinforced
Surface characteristics	untreated

Environmental and real-life conditions

Ambient conditions

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

Mounting

Mounting type	DIN rail mounting

Drawings

Dimensional drawing

Pitch 5.08 mm

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

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

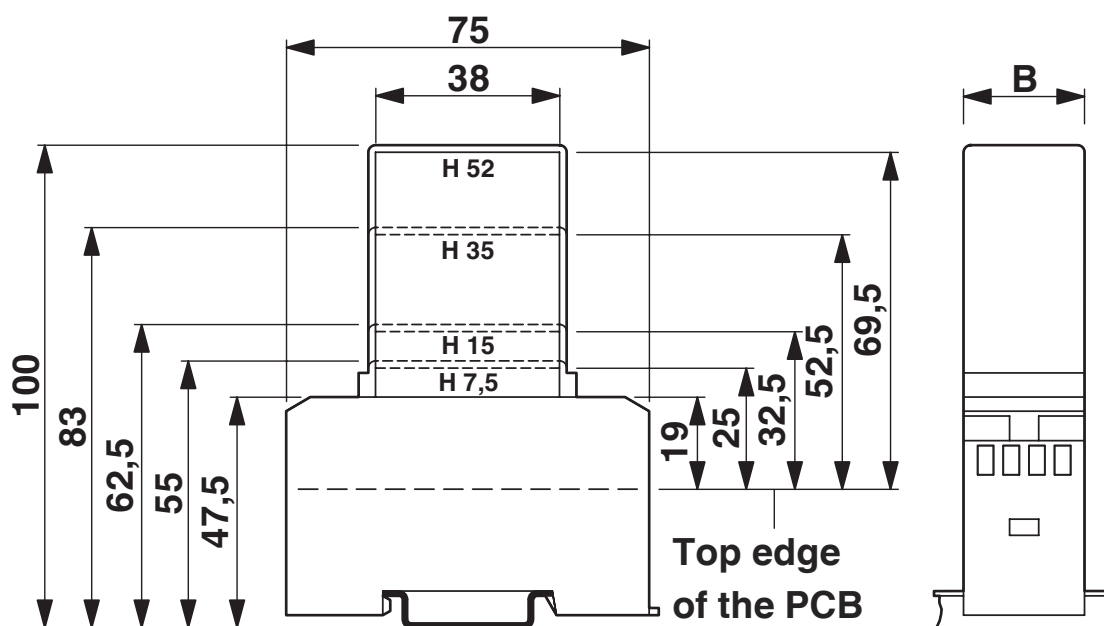# EMG 45-B8 - Electronics housing

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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

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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