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

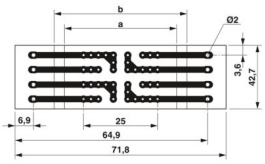
Item number	2946201
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	AC11
Product key	ACHCBA
GTIN	4017918082161
Weight per piece (including packing)	85.06 g
Weight per piece (excluding packing)	85.06 g
Customs tariff number	85369010
Country of origin	DE

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
Ventilation openings present	no

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)
Material Housing	PC (glass-fiber reinforced)
Flammability rating according to UL 94	V0

Environmental and real-life conditions

Ambient conditions

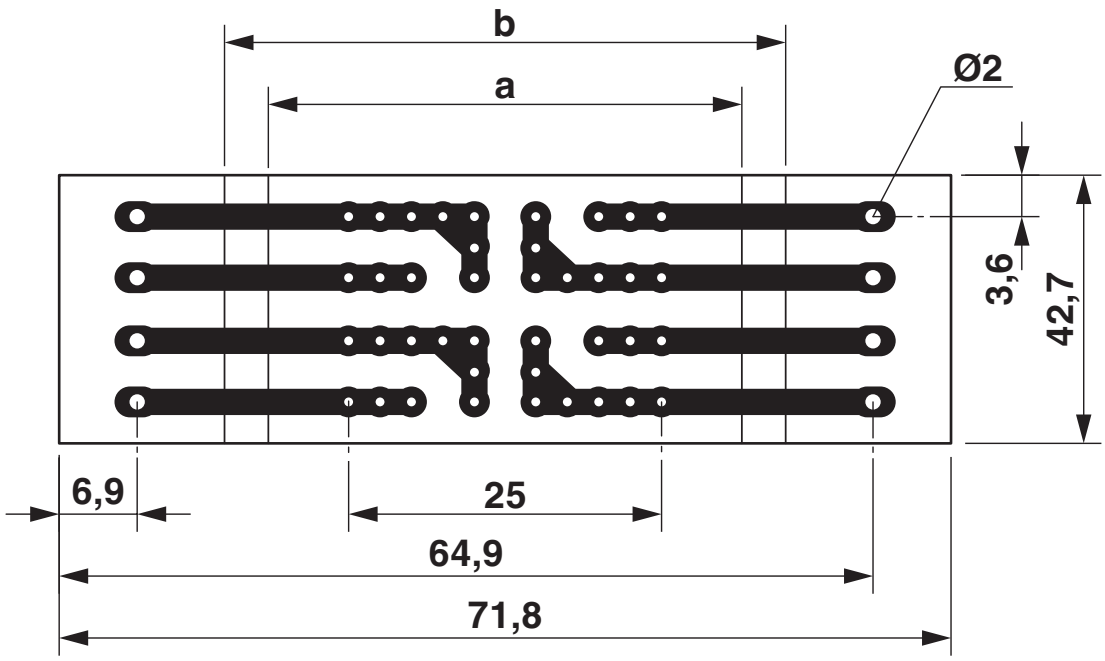
Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 125 °C

Mounting

Mounting type	DIN rail mounting

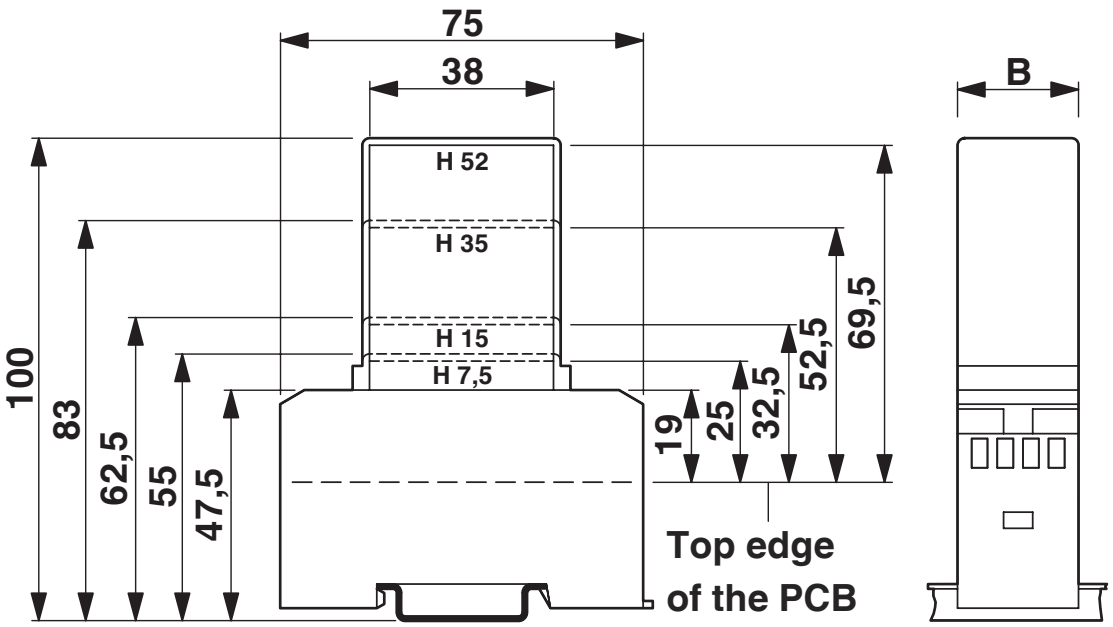
Drawings

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

Dimensional drawing



1 = Top edge of the PCB
B = Housing width

Classifications

ECLASS

ECLASS-15.0	27190301
ECLASS-13.0	27190301

ETIM

ETIM 10.0	EC001031

UNSPSC

UNSPSC 21.0	31261500

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%

EF3.1 Climate Change

CO2e kg	1.166 kg CO2e

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