EMG 10-B2 - Electronics housing

2947750

https://www.phoenixcontact.com/us/products/2947750

PHŒNIX CONTACT

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

Commercial data

Item number	2947750
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC11
Product key	ACHCBA
Catalog page	Page 708 (C-1-2013)
GTIN	4017918082864
Weight per piece (including packing)	22.53 g
Weight per piece (excluding packing)	22.28 g
Customs tariff number	85369010
Country of origin	DE

EMG 10-B2 - Electronics housing

2947750

https://www.phoenixcontact.com/us/products/2947750

Technical data

Product properties

Product type	Stackable housing set
Housing type	Component housing
Housing series	EMG
Product family	EMG
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	10 mm
Installed height	47.5 mm
Height NS 35/7,5	55 mm
	100 mm
Depth	75 mm
Length	75 mm
Pitch	5 mm

Material specifications

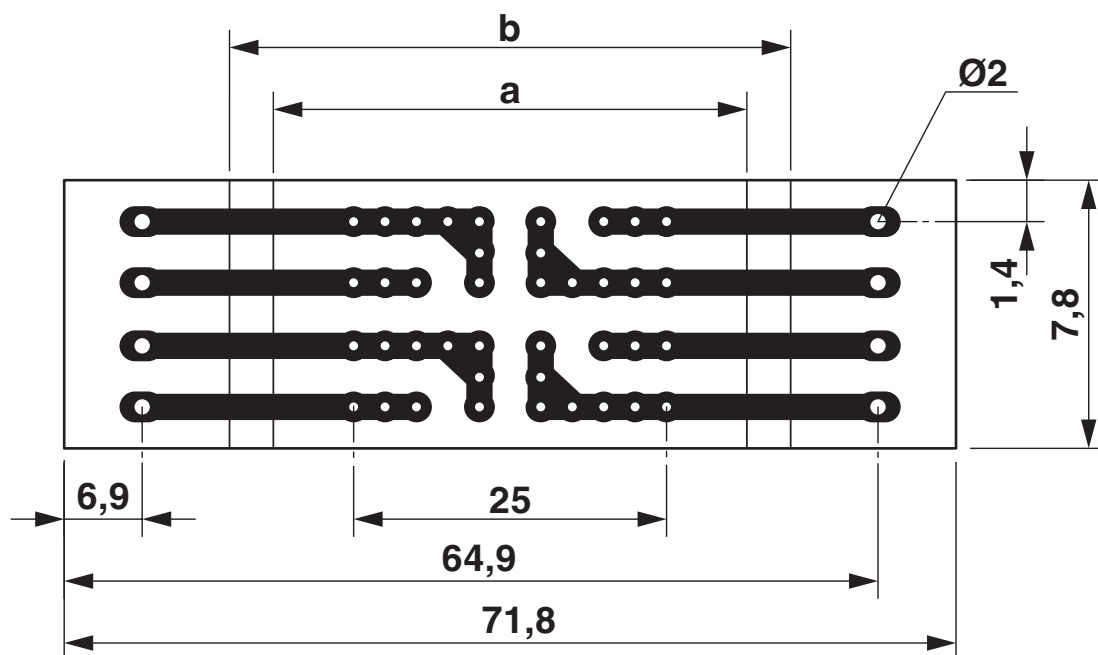|	
Color	green
Flammability rating according to UL 94	V0
Housing material	Polycarbonate, glass-fiber-reinforced
Surface characteristics	untreated

Environmental and real-life conditions

Ambient conditions

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

Mounting

Mounting type	DIN rail mounting

EMG 10-B2 - Electronics housing

2947750

https://www.phoenixcontact.com/us/products/2947750

Drawings

Dimensional drawing

Pitch 5 mm

a = Area for mounting components, 38 mm in the hood
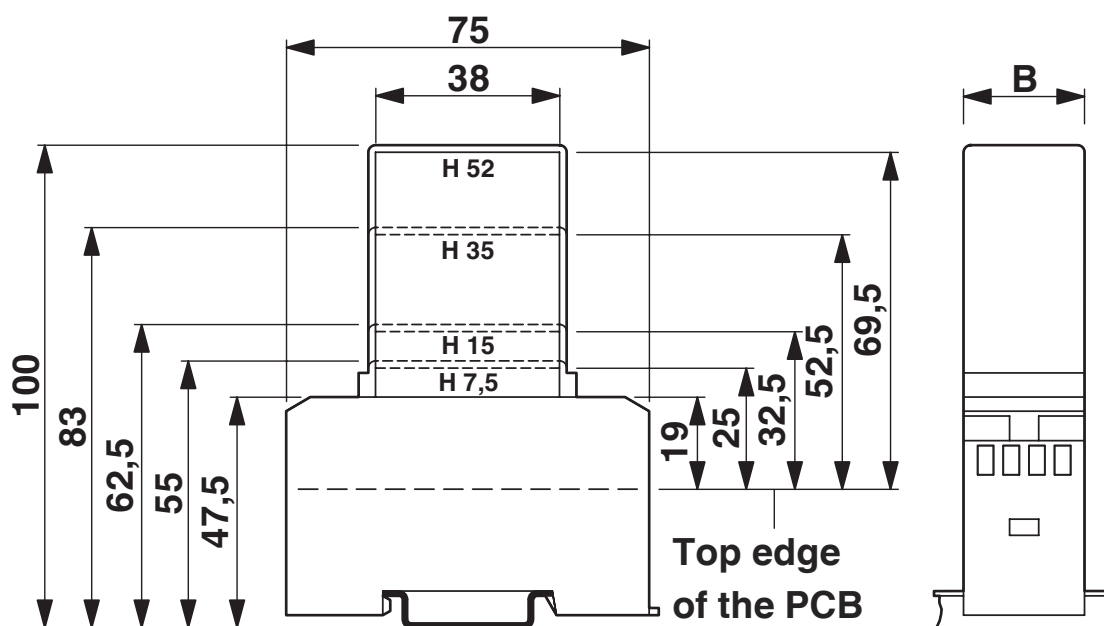
b = Area for mounting components, 45 mm in the housing

EMG 10-B2 - Electronics housing

2947750

https://www.phoenixcontact.com/us/products/2947750

Dimensional drawing

1 = Top edge of the PCB
B = Housing width

Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190301

ETIM

ETIM 8.0	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-50
	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.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EMG 10-B2 - Electronics housing

2947750

https://www.phoenixcontact.com/us/products/2947750

Mandatory accessories

EMG 10-H 7,5MM KLAR - Covering hood

2947763

https://www.phoenixcontact.com/us/products/2947763

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm

EMG 10-H 15MM KLAR - Electronics housing

2947776

https://www.phoenixcontact.com/us/products/2947776

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 10 mm

EMG 10-B2 - Electronics housing

2947750

https://www.phoenixcontact.com/us/products/2947750

EMG 10-H 52MM GN - Covering hood

2947789

https://www.phoenixcontact.com/us/products/2947789

Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 10 mm

Accessories

EMG-KA - Cover

2941510

https://www.phoenixcontact.com/us/products/2941510

Terminal block/screw cover, set consisting of 50 strips each for terminal blocks and screw openings, 1 strip covers 12 terminal points.

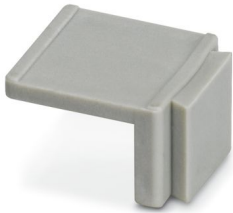# EMG 10-B2 - Electronics housing

2947750

https://www.phoenixcontact.com/us/products/2947750

EMG-SGKS 10 - Marking material

2947585

https://www.phoenixcontact.com/us/products/2947585

Equipment marker, narrow

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com