

EMG 17-B3 - Electronics housing

2946081

<https://www.phoenixcontact.com/us/products/2946081>



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



Commercial data

Item number	2946081
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC11
Product key	ACHCBA
Catalog page	Page 709 (C-1-2013)
GTIN	4017918082048
Weight per piece (including packing)	34.39 g
Weight per piece (excluding packing)	34.39 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	6
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	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
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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EMG 17-B3 - Electronics housing

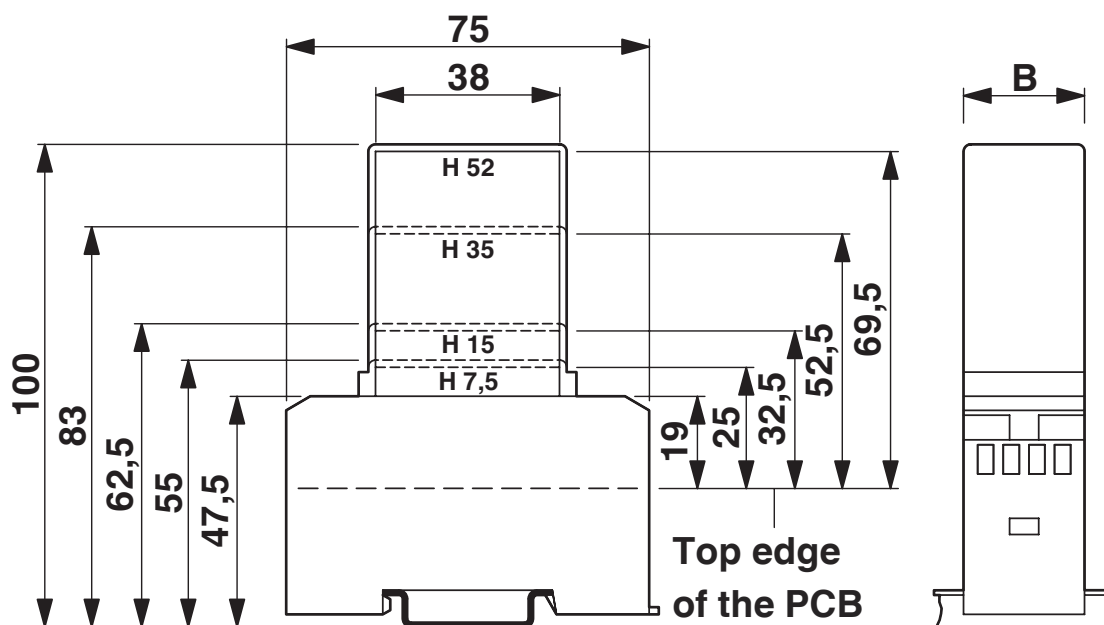
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Drawings

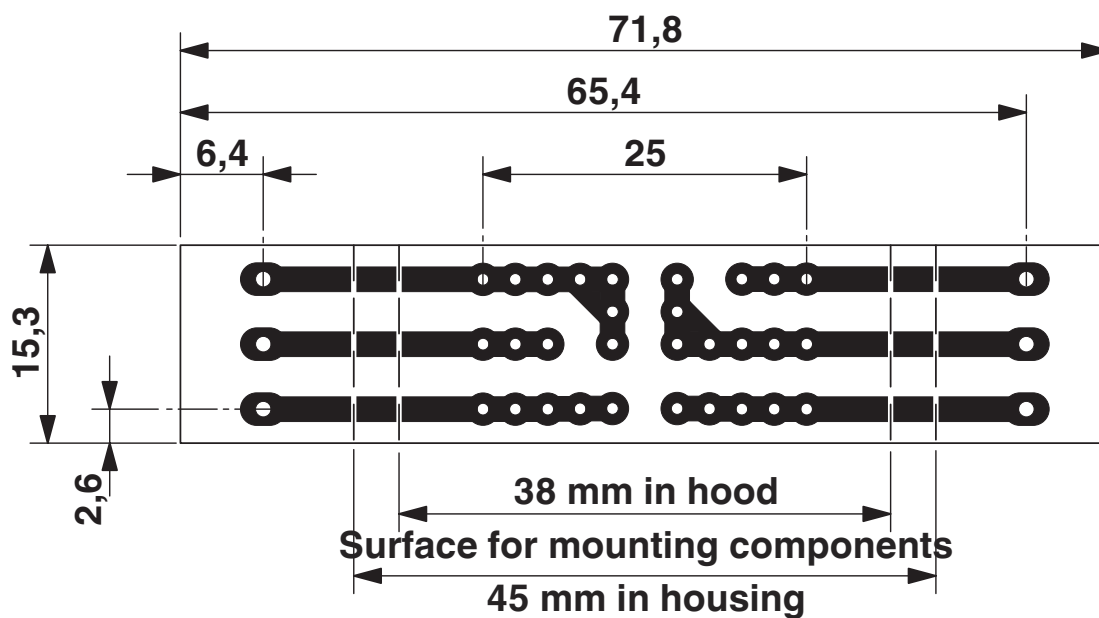
Dimensional drawing



1 = Top edge of the PCB

B = Housing width

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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2946081

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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

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%
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Mandatory accessories

EMG 17-H 7,5MM KLAR - Covering hood

2946094

<https://www.phoenixcontact.com/us/products/2946094>

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm, width: 17 mm



EMG 17-H 15MM KLAR - Covering hood

2946104

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Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 17 mm



EMG 17-B3 - Electronics housing

2946081

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EMG 17-H 35MM KLAR - Covering hood

2942221

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Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 35 mm, width: 17 mm

EMG 17-H 52MM GN - Covering hood

2946117

<https://www.phoenixcontact.com/us/products/2946117>



Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 17.5 mm

Accessories

EMG 17-B3 - Electronics housing

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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-GKS 12 - Marking material

2947035

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Device marking label, width: 12 mm, area: 12 x 8 mm, e.g. for EML(10x7) R adhesive marking material

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EMG-SGKS 10 - Marking material

2947585

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

Equipment marker, narrow



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