

EMG 12-B2 - Electronic housing



2948306

<https://www.phoenixcontact.com/us/products/2948306>

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



Commercial Data

Item number	2948306
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	AC11
Product Key	ACHCBA
Catalog Page	Page 709 (C-1-2013)
GTIN	4017918083250
Weight per Piece (including packing)	27.19 g
Weight per Piece (excluding packing)	27.19 g
Customs tariff number	85369010
Country of origin	DE

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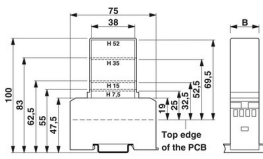
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Technical Data

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	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
Housing type	Component housing
Housing series	EMG

Dimensions

Dimensional drawing	
Width	12.5 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
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

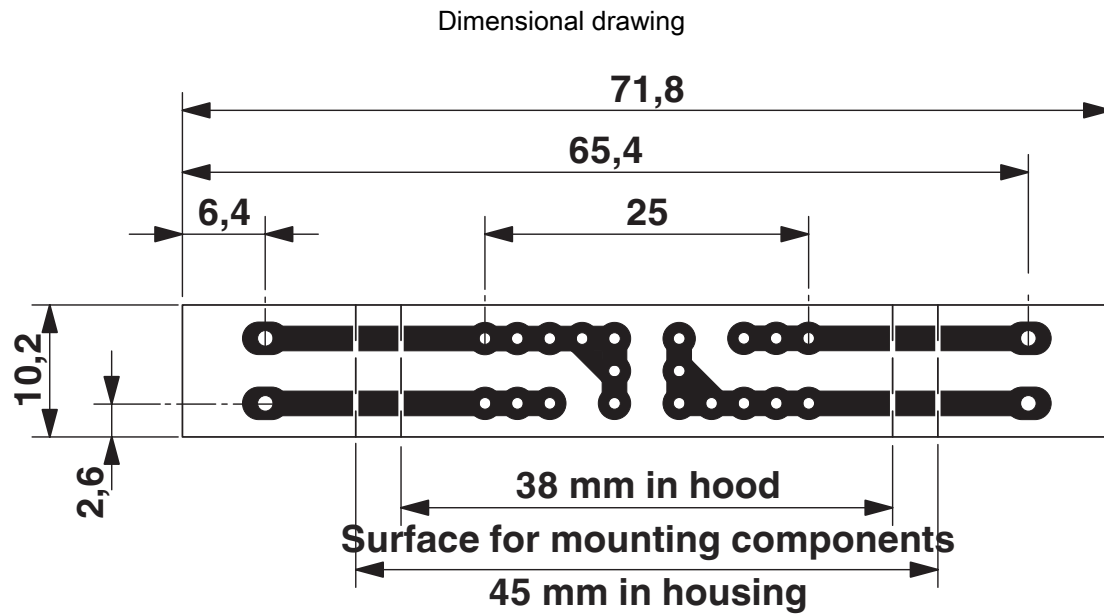
Mounting type	DIN rail mounting
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Drawings



Pitch 5 mm

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

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

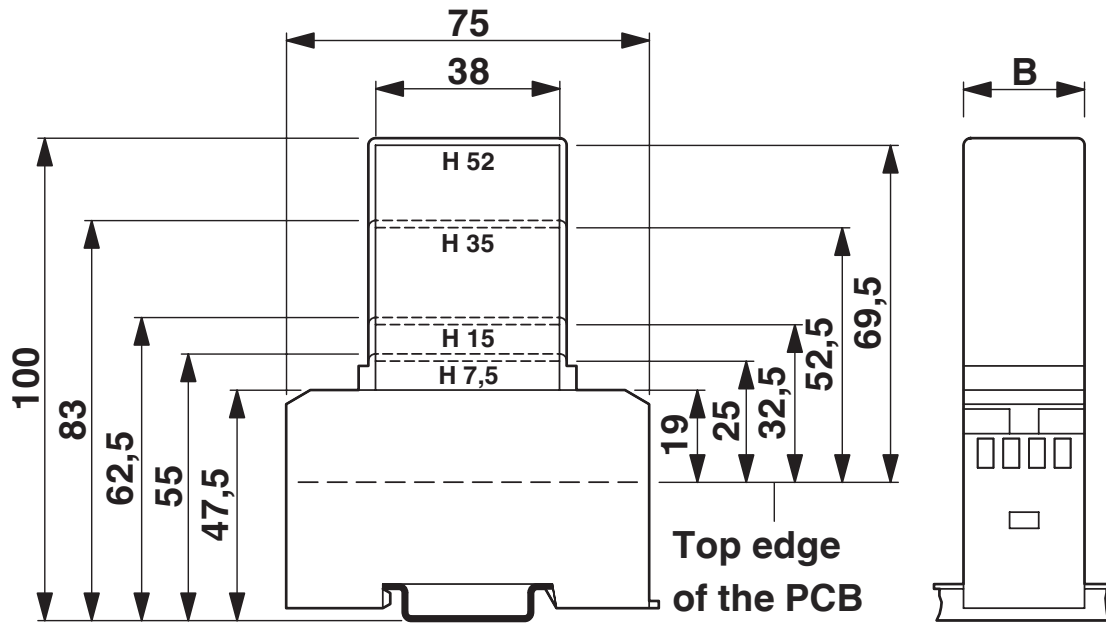
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Dimensional drawing



1 = Top edge of the PCB

B = Housing width

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Approvals



EAC

Approval ID: B.01687

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Classifications

ECLASS

ECLASS-10.0.1	27182702
ECLASS-11.0	27182702

ETIM

ETIM 8.0	EC001031
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UNSPSC

UNSPSC 21.0	31261500
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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Mandatory Accessories

EMG 12-H 7,5MM KLAR - Covering hood

2947116

<https://www.phoenixcontact.com/us/products/2947116>

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm, width: 12.5 mm



EMG 12-H 15MM KLAR - Covering hood

2948296

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Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 12.5 mm



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EMG 12-H 52MM GN - Covering hood

2947129

<https://www.phoenixcontact.com/us/products/2947129>



Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 12.5 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.

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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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