

EMG 45-LG - Electronic housing



2946191

<https://www.phoenixcontact.com/in/products/2946191>

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Electronic housing, for PCB insertion, without screw connection terminal blocks and cover



Commercial Data

Item number	2946191
Packing unit	5 pc
Minimum order quantity	5 pc
Sales Key	ACH
Product Key	ACHCBA
Catalog Page	Page 712 (C-1-2013)
GTIN	4017918082154
Weight per Piece (including packing)	40.59 g
Weight per Piece (excluding packing)	40.59 g
Customs tariff number	85389099
Country of origin	DE

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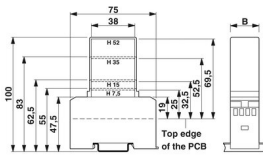
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Technical Data

Product properties

Type	Lower part of housing, removable cover optional
Product type	Complete housing
Product family	EMG
Number of positions	16
Pitch	5.08 mm
Set comprises	2940032 EMG 45-LG/SET
Type	Lower and upper part, with snap-on foot
Housing type	Component housing
Housing series	EMG

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	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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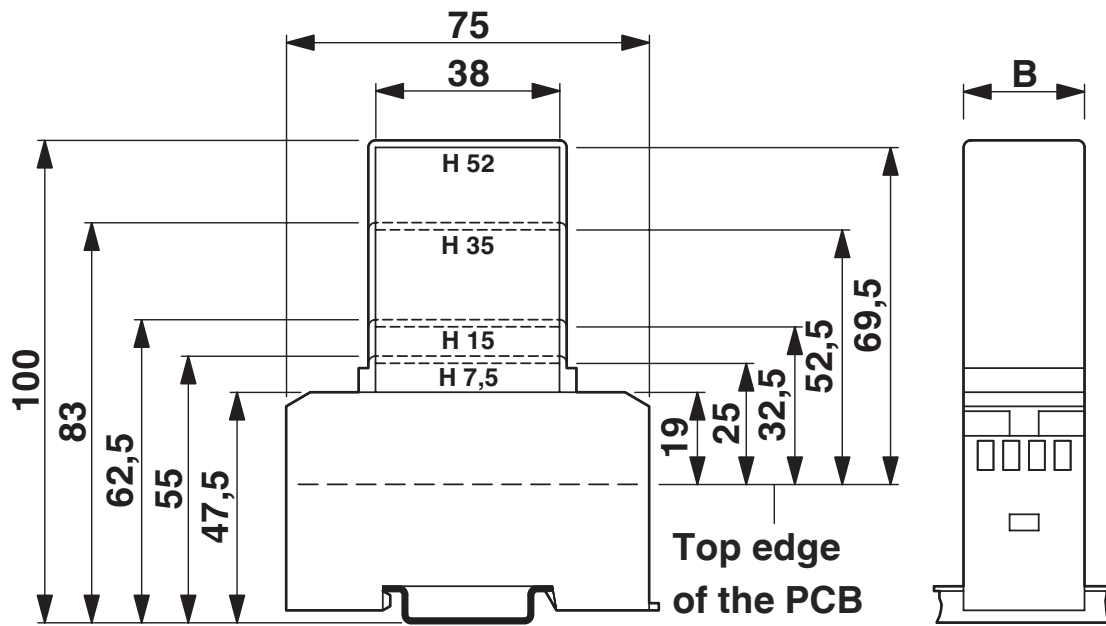
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Drawings

Dimensional drawing

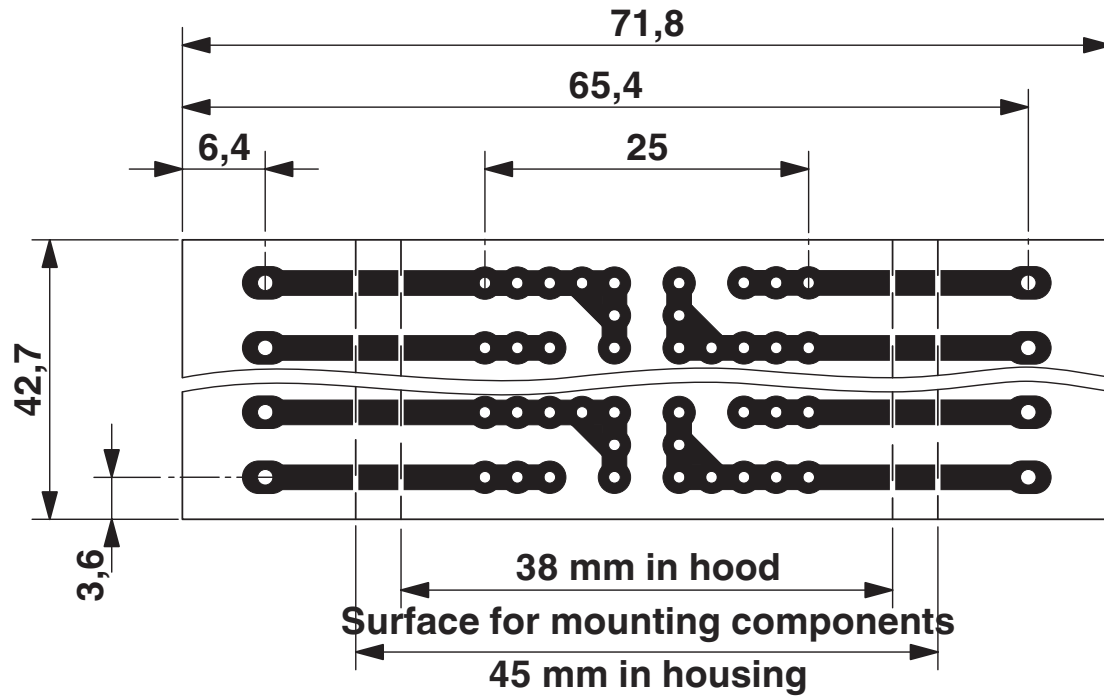


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Dimensional drawing



Pitch 5.08 mm

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

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

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Approvals



EAC

Approval ID: B.01687

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Classifications

ECLASS

ECLASS-11.0

27182702

ETIM

ETIM 8.0

EC001031

UNSPSC

UNSPSC 21.0

31261500

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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Mandatory Accessories

EMG 45-H 7,5MM KLAR - Covering hood

2946214

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



EMG 45-H 15MM KLAR - Covering hood

2946227

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Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 45 mm



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EMG 45-H 35MM KLAR - Covering hood

2942140

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Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 35 mm, width: 45 mm

EMG 45-H 52MM GN - Covering hood

2946230

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Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 45 mm

Accessories

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EMG-KA - Cover

2941510

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

EMG-GKS 22 - Marking material

2941594

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Device marking label, width: 22 mm, area: 22 x 8 mm, e.g. for EML(20x8) R adhesive marking material

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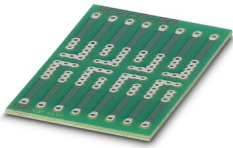


P 1-EMG 45 - PCB

2946243

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PCB for assembling electronic components



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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