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Electronic housing - EMG 17-B3 - 2946081

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

Your advantages

☑ Choice of four cover sizes in transparent or color versions

☑ Practical and easy-to-wire conductor connections

☑ User-friendly and safe mounting on DIN rails according to EN 60715

☑ High degree of flexibility due to the wide choice of versions

☑ Uniform and appropriate housing technology

☑ Space-saving accommodation of electronic components in finely graded module versions available with 10 to 150 mm pitch

☑ Inflammability class V0 insulation material (according to UL 94)

☑ Shock and contamination-proof accommodation of electronic components

☑ Universal PCBs for all pitches

RoHS

Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4017918082048
Weight per Piece (excluding packing)	34.390 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color (RAL)	green

Ambient conditions

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Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C

Dimensions

Length	75 mm
Height	47.5 mm
Width	22.5 mm
Pitch	5 mm
Depth	75 mm

Technical data

Power dissipation without gap	1.3 W
Power dissipation with 20 mm gap	1.4 W
Number of positions	6

Standards and Regulations

Flammability rating according to UL 94	V0

Environmental Product Compliance

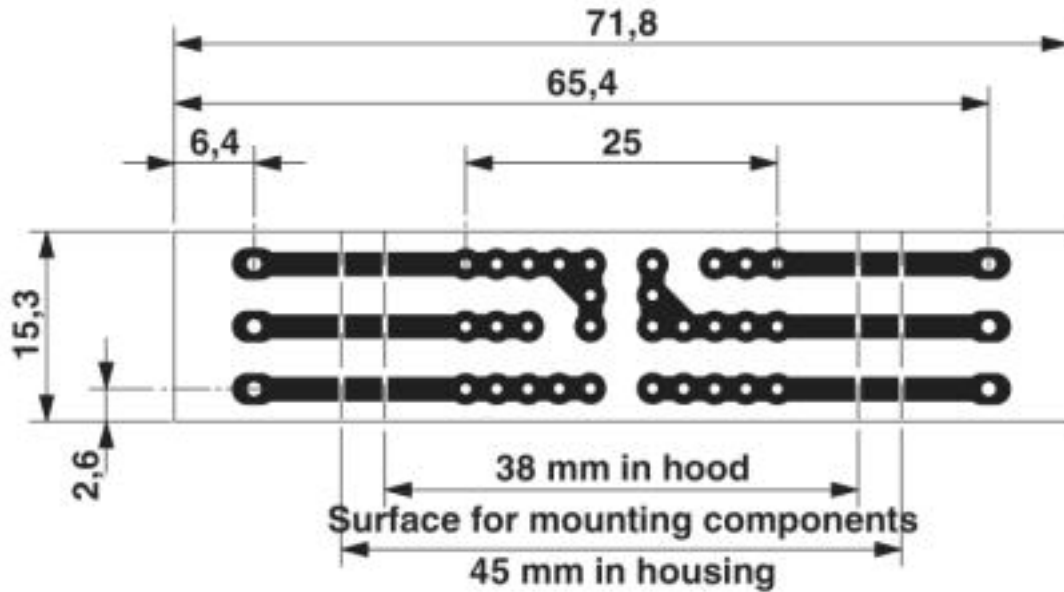|	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing
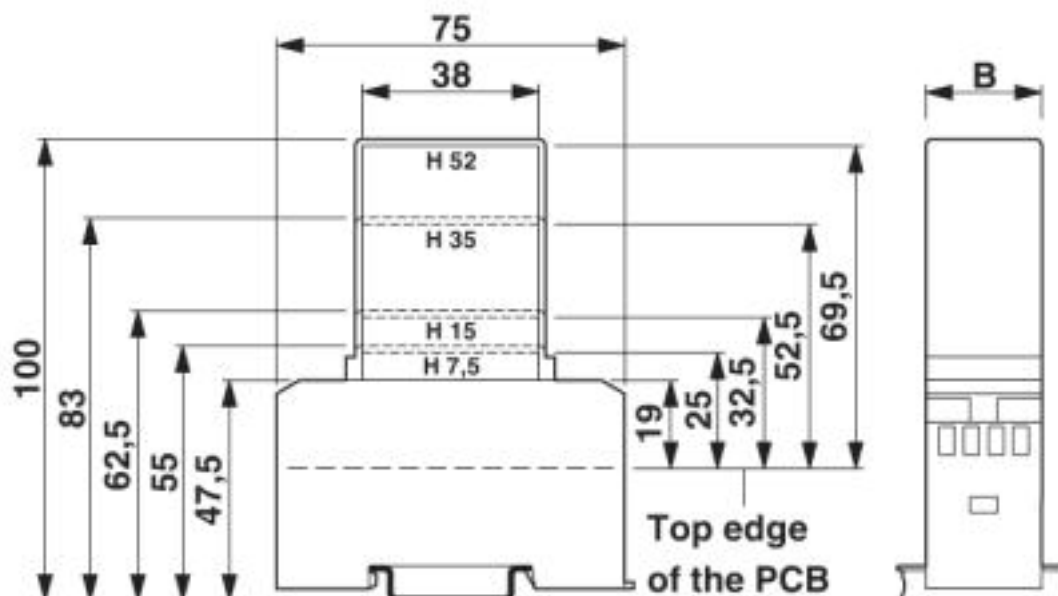
1 = Top edge of the PCB

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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

Classifications

eCl@ss

eCl@ss 4.0	27180400
eCl@ss 4.1	27180400
eCl@ss 5.0	27180500
eCl@ss 5.1	27180500
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 5.0	EC001031
ETIM 6.0	EC001031
ETIM 7.0	EC001031

UNSPSC

UNSPSC 6.01	31261501

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Classifications

UNSPSC

UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501
UNSPSC 18.0	31261501
UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261501

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EAC	B.01742

Accessories

Accessories

Filler plug

Electronic housing - EMG-KA - 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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Accessories

Marking material - EMG-GKS 12 - 2947035

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

Marking material - EMG-SGKS 10 - 2947585

Equipment marker, narrow

Necessary add-on products

Covering hood - EMG 17-H 7,5MM KLAR - 2946094

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

Covering hood - EMG 17-H 15MM KLAR - 2946104

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

Electronic housing - EMG 17-H 35MM KLAR - 2942221

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

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Accessories

Covering hood - EMG 17-H 52MM GN - 2946117

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