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Electronic housing - EMG 45-B8 - 2946201

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

Why buy this product

☑ 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

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

☑ Uniform and appropriate housing technology

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

☑ 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	5 STK
GTIN	4 017918 082161
GTIN	4017918082161
Weight per Piece (excluding packing)	85.060 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color	green

Ambient conditions

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Technical data

Ambient conditions

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

Dimensions

Length	75 mm
Constructional height	47.5 mm
Width	45 mm
Pitch	5.08 mm

Technical data

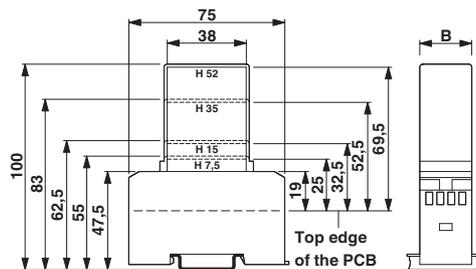| Flammability rating according to UL 94	V0
Power dissipation without gap	2 W
Power dissipation with 20 mm gap	2.4 W
Number of positions	16

Standards and Regulations

Flammability rating according to UL 94	V0

Environmental Product Compliance

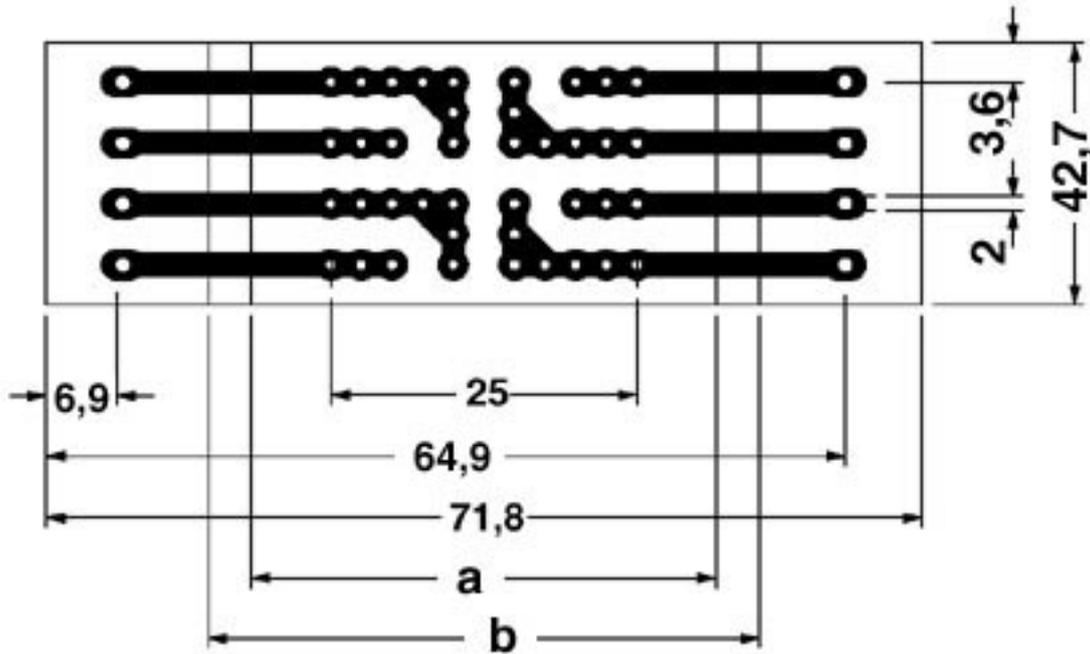| China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing

1 = Top edge of the PCB
B = Housing width

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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

Classifications

eCl@ss

eCl@ss 4.0	27180401
eCl@ss 4.1	27180401
eCl@ss 5.0	27180506
eCl@ss 5.1	27180506
eCl@ss 6.0	27180802
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

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501

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Classifications

UNSPSC

UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EAC	EAC-Zulassung

Accessories

Accessories

Device marking

Marking material - EMG-GKS 22 - 2941594

Equipment marker tag, width 22 mm

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

Equipment marker, width 12 mm

Necessary add-on products

Electronic housing - EMG 45-H 7,5MM KLAR - 2946214

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

Electronic housing - EMG 45-H 15MM KLAR - 2946227

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

Electronic housing - EMG 45-H 35MM KLAR - 2942140

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

Electronic housing - EMG 45-H 52MM GN - 2946230

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