PHŒNIX CONTACT

Electronic housing - EMG100-B19 - 2947093

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

Product Features

☑ 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

☑ Uniform and appropriate housing technology

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

☑ 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

Key commercial data

Packing unit	1 PCE
GTIN	4 017918 082567
Weight per Piece (excluding packing)	188.45 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color	green

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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	100 mm
Pitch	5 mm

Technical data

Inflammability class according to UL 94	V0
Power dissipation at 20°C in the horizontal mounting position	6.9 W 7.8 W 7.5 mm
	8 W 8.4 W 15 mm
	8.9 W 9.8 W 52 mm
Number of positions	38

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

ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 5.0	EC000886

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

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Approvals

Approvals

Approvals

GOST

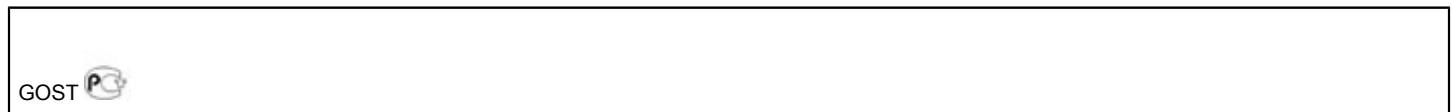
Ex Approvals

Approvals submitted

Approval details

GOST

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

Required add-on products

Electronic housing - EMG100-H 7,5MM KLAR - 2944193

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

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Electronic housing - EMG100-H 15MM KLAR - 2943152

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 100 mm

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Electronic housing - EMG100-H 35MM KLAR - 2942218

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 35 mm, width: 100 mm

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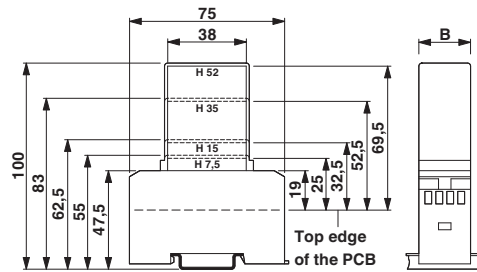Electronic housing - EMG100-H 52MM GN - 2944724

Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 100 mm

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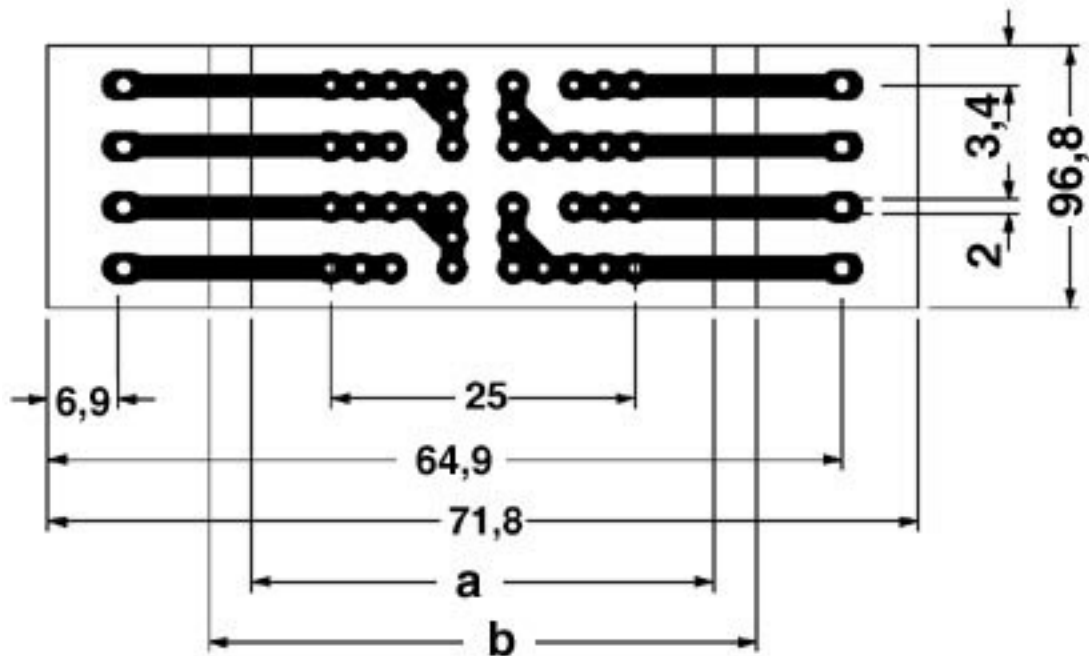# Electronic housing - EMG100-B19 - 2947093

Drawings

Dimensioned drawing

1 = Top edge of the PCB
B = Housing width

Dimensioned drawing

Pitch 5 mm
a = Area for mounting components, 38 mm in the hood
b = Area for mounting components, 45 mm in the housing