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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

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
- 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

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 082048
Weight per Piece (excluding packing)	37.23 g
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	22.5 mm
Pitch	5 mm

Technical data

Flammability rating according to UL 94	V0
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

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

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501

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Classifications

UNSPSC

UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

Accessories

Accessories

Marking material - EMG-GKS 12 - 2947035

Equipment marker, width 12 mm

Marking material - EMG-SGKS 10 - 2947585

Equipment marker, narrow

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Accessories

Required add-on products

Electronic housing - 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

Electronic housing - 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
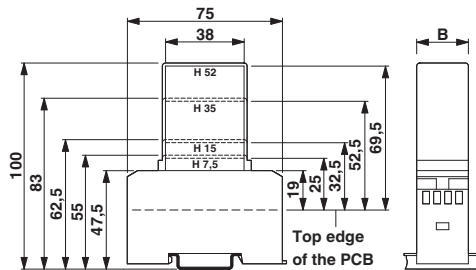
Electronic housing - EMG 17-H 52MM GN - 2946117

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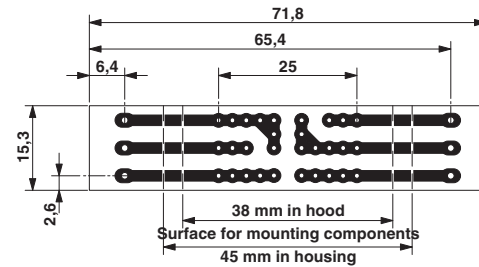
Drawings

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Dimensional drawing

1 = Top edge of the PCB
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

Mouser Electronics

Authorized Distributor

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