

## Electronic housing - EMG 90-B17 - 2946269

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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
- ✓ High degree of flexibility due to the wide choice of versions
- ✓ Uniform and appropriate housing technology
- ✓ 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
- ✓ 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 pc
GTIN	
GTIN	4017918082222

### Technical data

#### General

Housing type	Component housing
Housing material	Polycarbonate fiber reinforced

#### Ambient conditions

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

Length	75 mm
Height	47.5 mm

## Electronic housing - EMG 90-B17 - 2946269

### Technical data

#### Dimensions

Width	90 mm
Pitch	5 mm
Depth	75 mm

#### Technical data

Power dissipation without gap	4.1 W
Power dissipation with 20 mm gap	4.6 W
Number of positions	34

#### Standards and Regulations

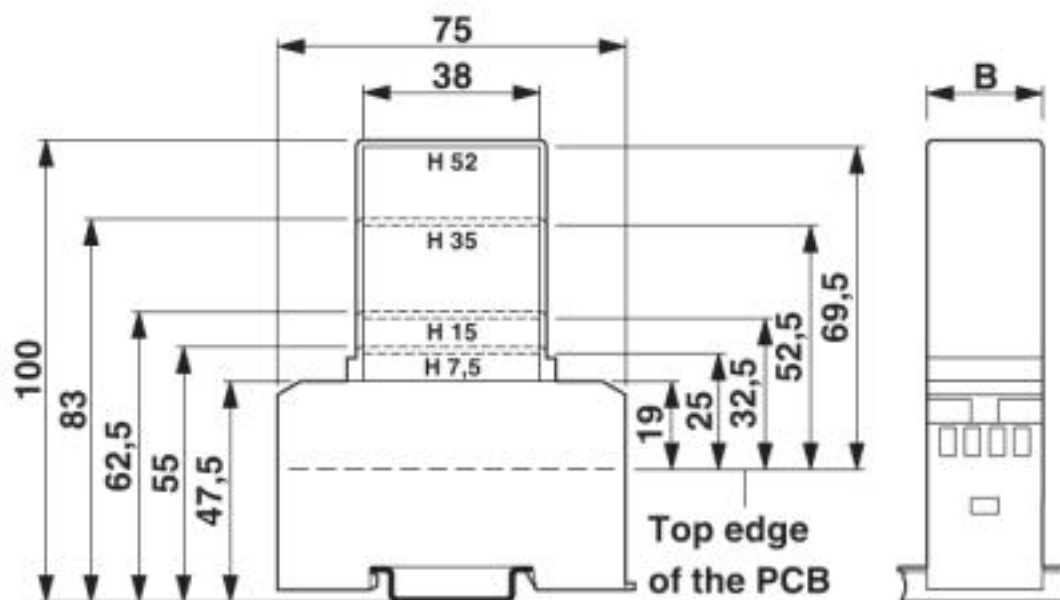
Flammability rating according to UL 94	V0
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#### Environmental Product Compliance

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

### Drawings

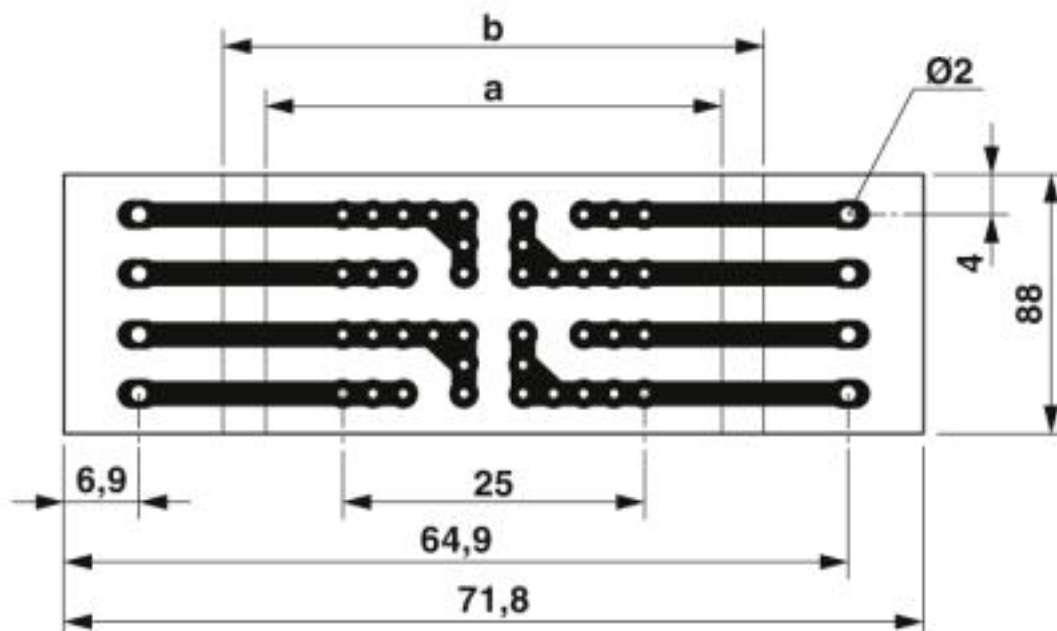
Dimensional drawing



1 = Top edge of the PCB  
B = Housing width

## Electronic housing - EMG 90-B17 - 2946269

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 10.0.1	27182702
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

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### Classifications

#### UNSPSC

UNSPSC 6.01	31261501
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

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Approvals

EAC

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Ex Approvals

#### Approval details

EAC		B.01742
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### Accessories

#### Accessories

Component housing center part

Spacer plate - EMG 90-ZE - 2941824

Intermediate element, to enlarge the assembly space

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#### Device marking

## Electronic housing - EMG 90-B17 - 2946269

### Accessories

Marking material - EMG-GKS 22 - 2941594



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

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### 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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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

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### Necessary add-on products

Electronic housing - EMG 90-H 7,5MM KLAR - 2945396



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

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Covering hood - EMG 90-H 15MM KLAR - 2945406



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 90 mm

## Electronic housing - EMG 90-B17 - 2946269

### Accessories

Electronic housing - EMG 90-H 52MM GN - 2944300



Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 90 mm

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