

## Electronic housing - EMG 22-B4 - 2946146

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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
- ✓ Uniform and appropriate housing technology
- ✓ High degree of flexibility due to the wide choice of versions
- ✓ Space-saving accommodation of electronic components in finely graded module versions available with 10 to 150 mm pitch
- ✓ User-friendly and safe mounting on DIN rails according to EN 60715
- ✓ 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	10 STK
GTIN	
GTIN	4017918082109
Weight per Piece (excluding packing)	44.010 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
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### Dimensions

Length	75 mm
Constructional height	47.5 mm
Width	22.5 mm
Pitch	5 mm
Depth	75 mm

### Technical data

Power dissipation without gap	1.4 W
Power dissipation with 20 mm gap	1.6 W
Number of positions	8

### Standards and Regulations

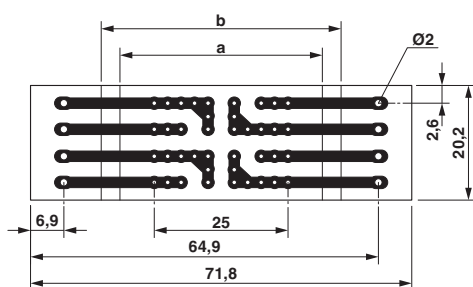
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

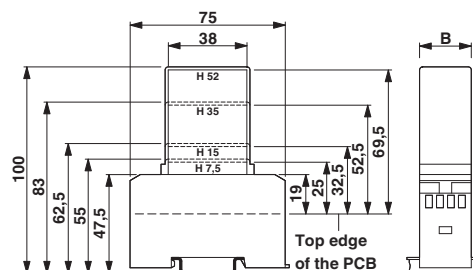
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Dimensional drawing



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

1 = Top edge of the PCB

B = Housing width

## Classifications

eCl@ss

eCl@ss 4.0	27180401
eCl@ss 4.1	27180401
eCl@ss 5.0	27180506

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## Classifications

### eCl@ss

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
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		EAC-Zulassung
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## Accessories

Accessories

Device marking

## Electronic housing - EMG 22-B4 - 2946146

### Accessories

Marking material - EMG-GKS 22 - 2941594



Equipment marker tag, width 22 mm

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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



Equipment marker, width 12 mm

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Marking material - EMG-SGKS 10 - 2947585



Equipment marker, narrow

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### Necessary add-on products

Electronic housing - EMG 22-H 7,5MM KLAR - 2946159



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm, width: 22.5 mm

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## Electronic housing - EMG 22-B4 - 2946146

### Accessories

Electronic housing - EMG 22-H 15MM KLAR - 2946162



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 22.5 mm

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Cover - EMG 22-H 35MM KLAR - 2942771



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 35 mm, width: 22.5 mm

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Electronic housing - EMG 22-H 52MM GN - 2946175



Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 22.5 mm

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