

# 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



## Key commercial data

Packing unit	1
Minimum order quantity	5
Catalog page	Page 572 (CC-2011)
GTIN	 4 017918 082161
Custom tariff number	85369010
Country of origin	GERMANY

## Technical data

### General

Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color	green

### Dimensions / positions

Length	75 mm
Constructional height	47.5 mm

# Electronic housing - EMG 45-B8 - 2946201

## Technical data

### Dimensions / positions

Width	45 mm
Number of positions	16
Pitch	5.08 mm

### Technical data

Ambient temperature (operation)	-40 °C ... 125 °C
Inflammability class according to UL 94	V0
Power dissipation at 20°C in the horizontal mounting position	2 W 2.4 W 7.5 mm
Power dissipation at 20°C in the horizontal mounting position	2.5 W 2.9 W 15 mm
Power dissipation at 20°C in the horizontal mounting position	3.5 W 4.4 W 35 mm
Power dissipation at 20°C in the horizontal mounting position	4.6 W 5.7 W 52 mm

## Classifications

### ETIM

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

### UNSPSC

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

### 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

## Accessories

Accessories

Assembly

## Electronic housing - EMG 45-B8 - 2946201

### Accessories

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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Electronic housing - EMG 45-ZE - 2941811



Intermediate element, to enlarge the assembly space

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### Marking

Marking material - EMG-GKS 22 - 2941594



Equipment marker tag, width 22 mm

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Marking material - EMG-GKS 12 - 2947035



Equipment marker, width 12 mm

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### 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-B8 - 2946201

## Accessories

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

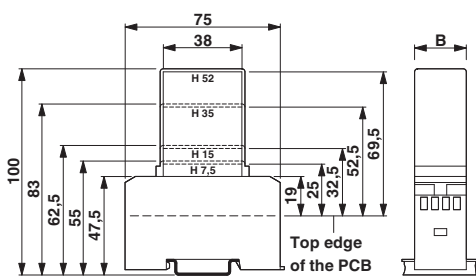
Electronic housing - EMG 45-H 52MM GN - 2946230



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

## Drawings

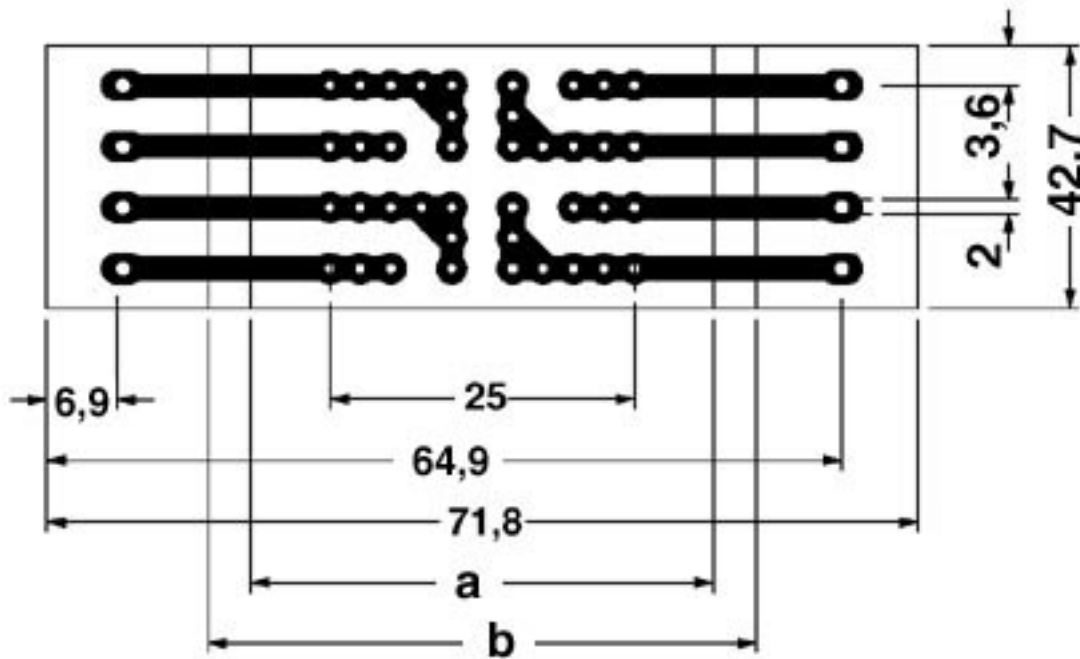
Dimensioned drawing



1 = Top edge of the PCB  
B = Housing width

## Electronic housing - EMG 45-B8 - 2946201

Dimensioned 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