

## Electronic housing - EMG 45-LG/SET - 2940032

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Electronic housing set, consisting of electronic module and printed circuit termination blocks, pitch 5

### Your advantages

- ✓ 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	5 pc
Minimum order quantity	5 pc
GTIN	 4 017918 079819
GTIN	4017918079819
Weight per Piece (excluding packing)	72.360 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### General

Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color (RAL)	green

# Electronic housing - EMG 45-LG/SET - 2940032

## Technical data

### Ambient conditions

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

Length	75 mm
Height	47.5 mm
Width	45 mm
Pitch	5.08 mm
Depth	75 mm

### Technical data

Power dissipation without gap	2 W
Power dissipation with 20 mm gap	2.4 W
Number of positions	16

### Standards and Regulations

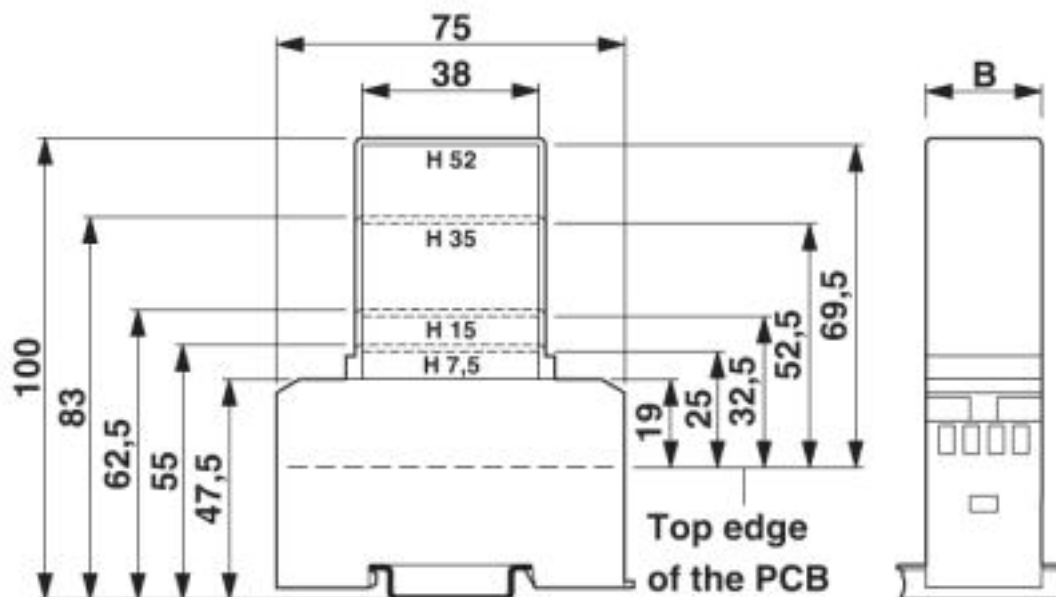
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

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

## Drawings

Dimensional drawing

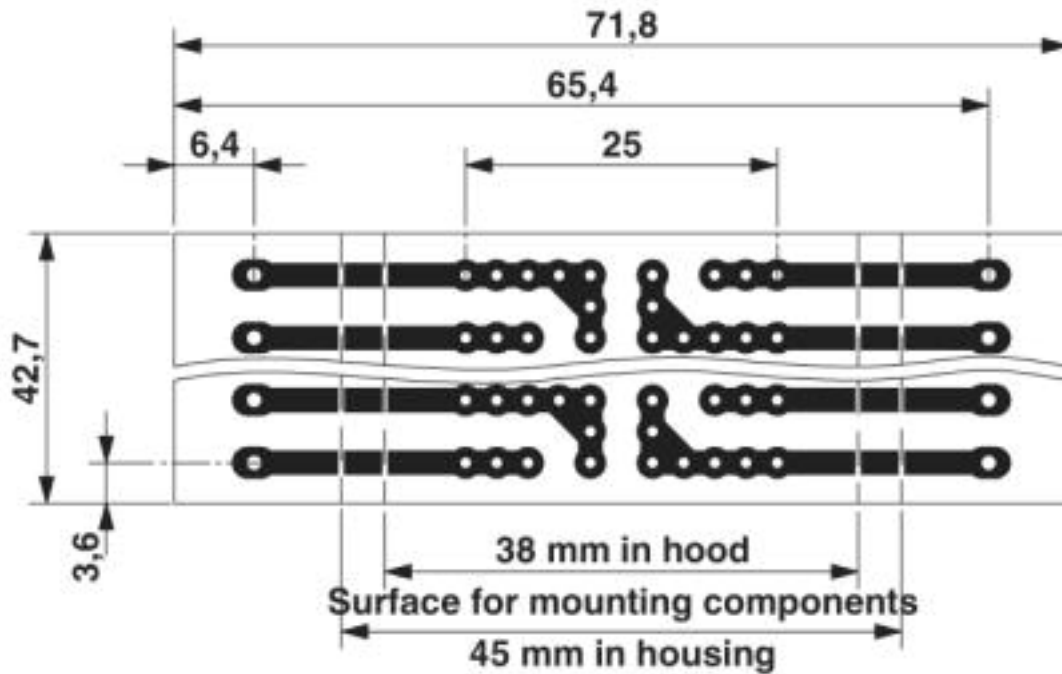


1 = Top edge of the PCB

## Electronic housing - EMG 45-LG/SET - 2940032

B = Housing width

Dimensional 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

### Articles in set

PCB terminal block - MKDS 3/ 3-5,08 - 1711738



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, pitch: 5.08 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm. The article can be aligned to create different nos. of positions!

Electronic housing - EMG 45-LG - 2946191



Electronic housing, for PCB insertion, without screw connection terminal blocks and cover

# Electronic housing - EMG 45-LG/SET - 2940032

## Articles in set

PCB terminal block - MKDS 3/ 2-5,08 - 1711725



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, pitch: 5.08 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm. The article can be aligned to create different nos. of positions!

PCB terminal block - MKDS 3/ 4-5,08 - 1712805



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, pitch: 5.08 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm. The article can be aligned to create different nos. of positions!

## Classifications

### eCl@ss

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

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501
UNSPSC 18.0	31261501

# Electronic housing - EMG 45-LG/SET - 2940032

## Classifications

### UNSPSC

UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261501

## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

EAC		B.01742
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## Accessories

### Accessories

### Device marking

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

### 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.

### PCB

## Electronic housing - EMG 45-LG/SET - 2940032

### Accessories

PCB - P 1-EMG 45 - 2946243



PCB for assembling electronic components

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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

Covering hood - 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

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Covering hood - 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

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Covering hood - 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

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## Electronic housing - EMG 45-LG/SET - 2940032

### Accessories

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