

## Electronic housing - EMG 25-LG/SET - 2943000

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Electronic housing set, consisting of electronic housing 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
- ✓ 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
- ✓ 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 pc
Minimum order quantity	10 pc
GTIN	 4 017918 080969
GTIN	4017918080969
Weight per Piece (excluding packing)	46.930 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 25-LG/SET - 2943000

## Technical data

### Ambient conditions

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

Length	75 mm
Height	47.5 mm
Width	25 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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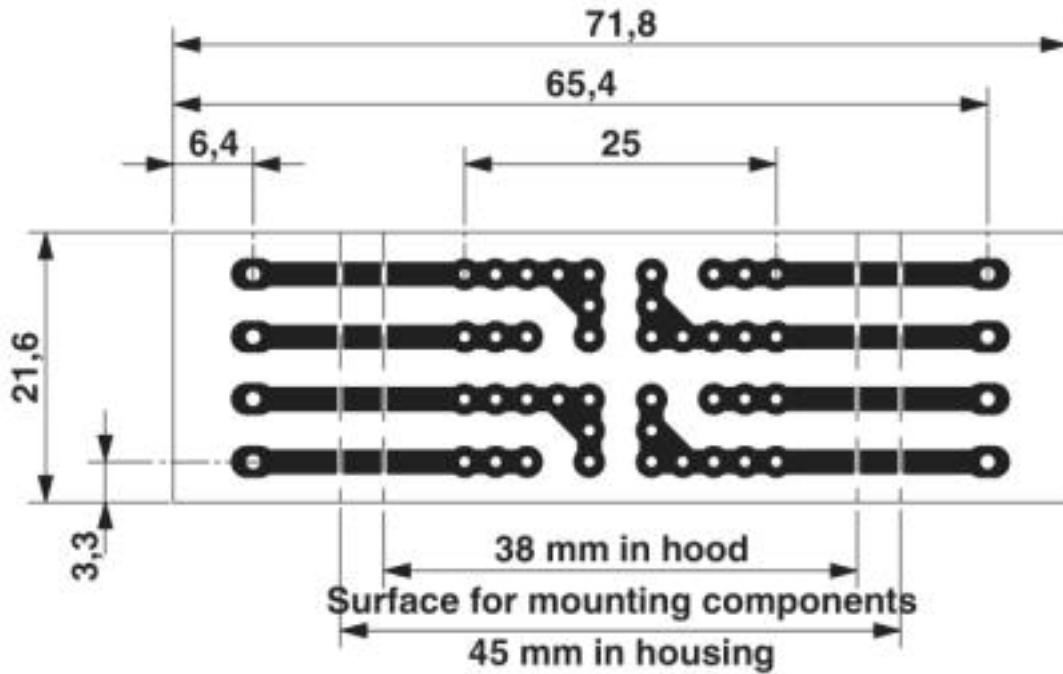
### Environmental Product Compliance

	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

# Electronic housing - EMG 25-LG/SET - 2943000

Dimensional drawing

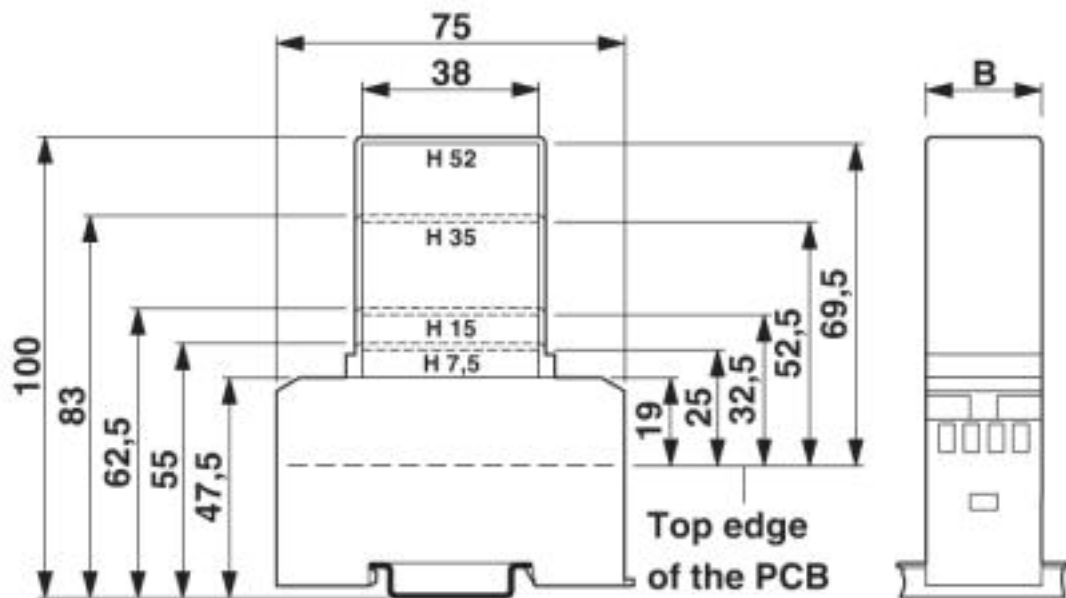


Pitch 5 mm

a = Area for mounting components, 38 mm in the hood

b = Area for mounting components, 45 mm in the housing

Dimensional drawing



1 = Top edge of the PCB

B = Housing width

# Electronic housing - EMG 25-LG/SET - 2943000

## Articles in set

### PCB terminal block - MKDS 3/ 2 - 1711026



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, pitch: 5 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!

### Electronic housing - EMG 25-LG - 2948319



Electronic housing, with snap foot for DIN rail EN 50022 for PCB insertion, without screw connection terminal blocks and cover

### PCB terminal block - MKDS 3/ 3 - 1711039



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, pitch: 5 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!

### PCB terminal block - MKDS 3/ 4 - 1711042



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, pitch: 5 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

# Electronic housing - EMG 25-LG/SET - 2943000

## Classifications

### 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
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

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### Approval details

EAC		B.01742
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## Accessories

Accessories

Component housing center part

## Electronic housing - EMG 25-LG/SET - 2943000

### Accessories

Electronic housing - EMG 25-ZE - 2941808



Intermediate element, to enlarge the assembly space

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### 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

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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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### PCB

PCB - P 1-EMG 25 - 2947190



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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## Electronic housing - EMG 25-LG/SET - 2943000

### Accessories

Marking material - EMG-SGKS 10 - 2947585



Equipment marker, narrow

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### Necessary add-on products

Covering hood - EMG 25-H 7,5MM KLAR - 2947132



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm, width: 25 mm

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Covering hood - EMG 25-H 15MM KLAR - 2948322



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 25 mm

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Covering hood - EMG 25-H 52MM GN - 2947145



Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 25 mm

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