

Electronic housing - EMG 50-LG/SET - 2940045

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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
- ✓ User-friendly and safe mounting on DIN rails according to EN 60715
- ✓ 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
- ✓ Uniform and appropriate housing technology
- ✓ 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 |
| Minimum order quantity | 5 pc |
| GTIN |  4 017918 079826 |
| GTIN | 4017918079826 |
| Weight per Piece (excluding packing) | 87.000 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

General

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

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Technical data

Ambient conditions

| | |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

Dimensions

| | |
|--------|---------|
| Length | 75 mm |
| Height | 47.5 mm |
| Width | 50 mm |
| Pitch | 5 mm |
| Depth | 75 mm |

Technical data

| | |
|----------------------------------|-------|
| Power dissipation without gap | 2.3 W |
| Power dissipation with 20 mm gap | 2.6 W |
| Number of positions | 18 |

Standards and Regulations

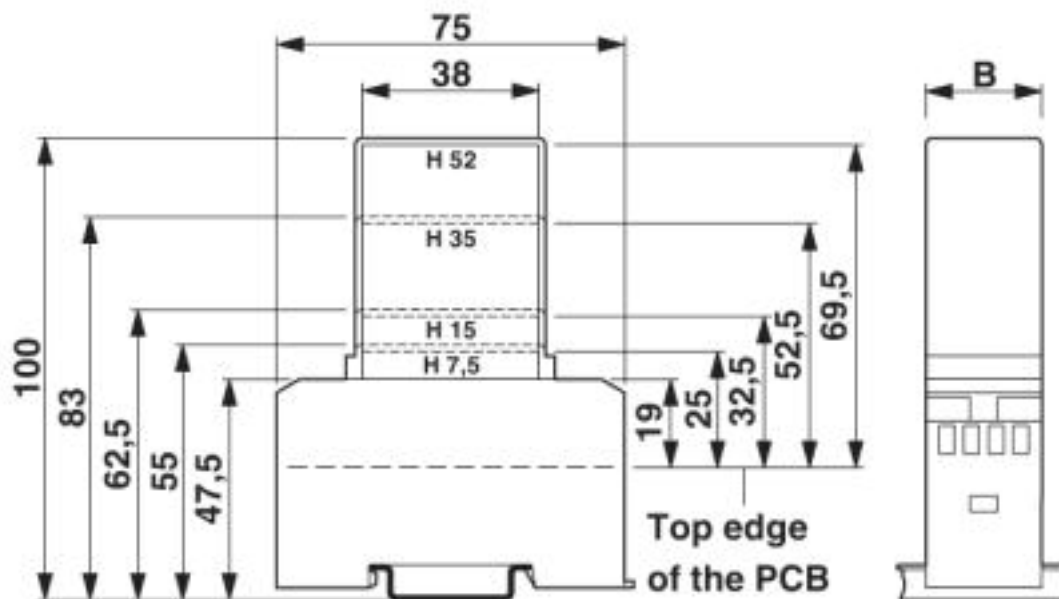
| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

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

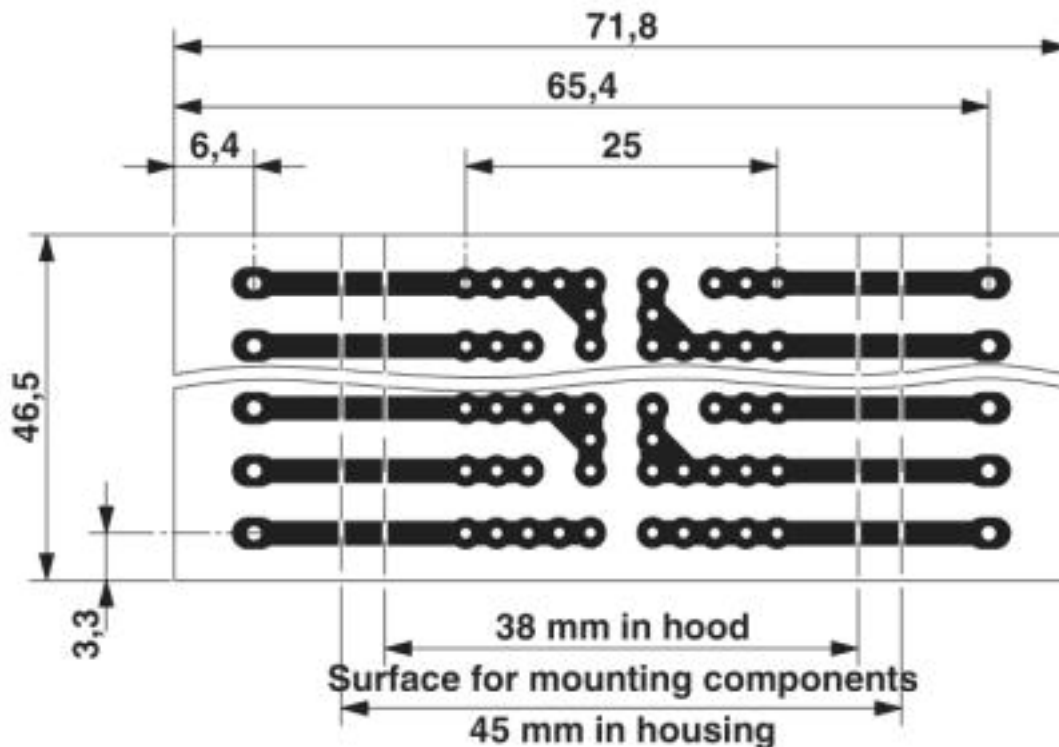


1 = Top edge of the PCB

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B = Housing width

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

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 mm², 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 50-LG - 2947242



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

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Articles in set

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 mm², 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 mm², 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 |

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 |

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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 |
|-----|--|---------|

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



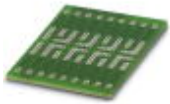
Terminal block/screw cover, set consisting of 50 strips each for terminal blocks and screw openings, 1 strip covers 12 terminal points.

PCB

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Accessories

Electronic housing - P 1-EMG 50 - 2947255



PCB for assembling electronic components

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

Necessary add-on products

Covering hood - EMG 50-H 7,5MM KLAR - 2947925



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm, width: 50 mm

Covering hood - EMG 50-H 15MM KLAR - 2947938



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 50 mm

Covering hood - EMG 50-H 52MM GN - 2947941



Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 50 mm
