# Electronic housing - EMG100-B19 - 2947093

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Custom circuit module, consisting of housing, MKDS 3 connection terminal blocks and PCB

## 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
- Uniform and appropriate housing technology
- Space-saving accommodation of electronic components in finely graded module versions available with 10 to 150 mm pitch
- 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

RoHS

## Key Commercial Data

| | |
|---|---|
| Packing unit | 2 pc |
| Minimum order quantity | 2 pc |
| GTIN | 4 017918 082567 |
| GTIN | 4017918082567 |
| Weight per Piece (excluding packing) | 182.350 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 | 100 mm |
| Pitch | 5 mm |
| Depth | 75 mm |

### Technical data

| | |
|---|---|
| Power dissipation without gap | 6.9 W |
| Power dissipation with 20 mm gap | 7.8 W |
| Number of positions | 38 |

### Standards and Regulations

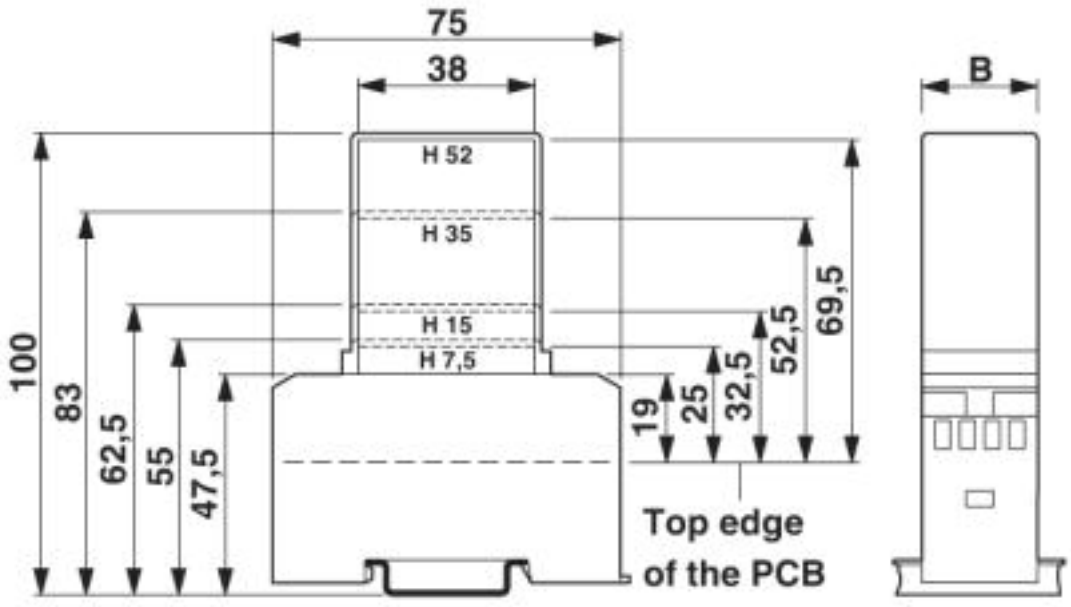
| | |
|---|---|
| Flammability rating according to UL 94 | V0 |

### 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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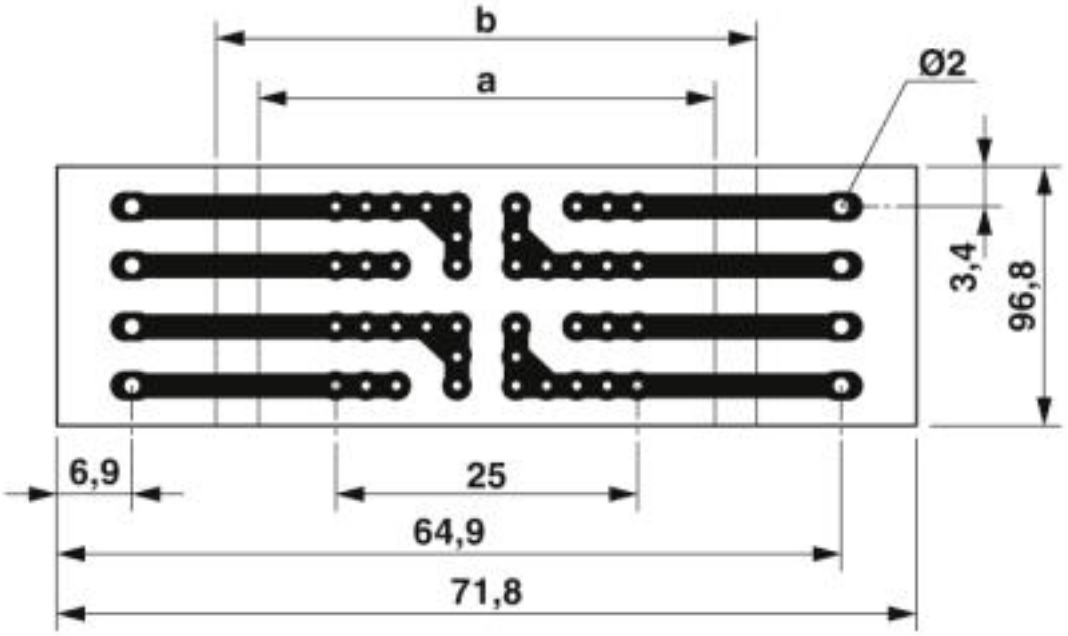
B = Housing width

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

## 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 |

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## Classifications

### 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

Approvals

EAC

Ex Approvals

### Approval details

| | | |
|---|---|---|
| EAC | 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

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## 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.

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 - EMG100-H 7,5MM KLAR - 2944193

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

Covering hood - EMG100-H 15MM KLAR - 2943152

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 100 mm

Covering hood - EMG100-H 35MM KLAR - 2942218

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 35 mm, width: 100 mm

# Electronic housing - EMG100-B19 - 2947093

## Accessories

Electronic housing - EMG100-H 52MM GN - 2944724

Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 100 mm

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