

Electronic housing - EMG 17-LG - 2946078

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Electronic housing, with universal foot, for p.c.b. insertion, without screw connection terminal blocks and cover, pitch 5

Why buy this product

- ✓ Choice of four cover sizes in transparent or color versions
- ✓ Practical and easy-to-wire conductor connections
- ✓ 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
- ✓ 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 | 1 STK |
| Minimum order quantity | 10 STK |
| GTIN | 4 017918 082031 |
| GTIN | 4017918082031 |
| Weight per Piece (excluding packing) | 18.220 g |
| Custom tariff number | 85472000 |
| Country of origin | Germany |

Technical data

General

Electronic housing - EMG 17-LG - 2946078

Technical data

General

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

Ambient conditions

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

Dimensions

| | |
|-----------------------|---------|
| Length | 75 mm |
| Constructional height | 47.5 mm |
| Width | 17.5 mm |
| Pitch | 5 mm |
| Depth | 75 mm |

Technical data

| | |
|----------------------------------|-------|
| Power dissipation without gap | 1.3 W |
| Power dissipation with 20 mm gap | 1.4 W |
| Number of positions | 6 |

Connection data

| | |
|---------------------------------------|---------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 12 |
| Stripping length | 8 mm |

Standards and Regulations

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

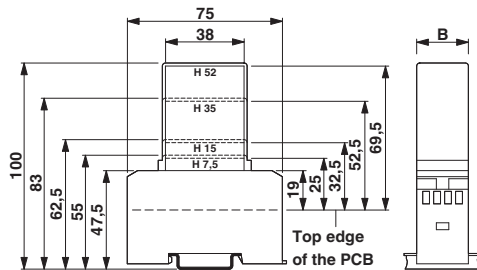
Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

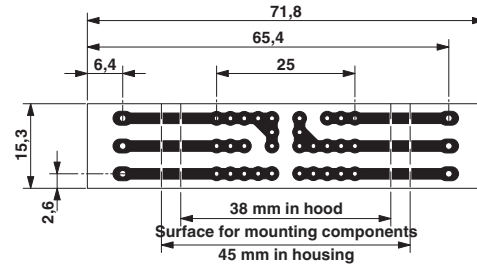
Drawings

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Dimensional drawing



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

1 = Top edge of the PCB
B = Housing width

Classifications

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 |
| 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 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11 | 31261501 |
| UNSPSC 12.01 | 31261501 |
| UNSPSC 13.2 | 31261501 |

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Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approval details

| | | |
|-----|--|---------------|
| EAC | | EAC-Zulassung |
|-----|--|---------------|

| | | |
|-----|--|---------|
| EAC | | B.01742 |
|-----|--|---------|

Accessories

Accessories

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 - P 1-EMG 17 - 2946120



PCB for assembling electronic components

Electronic housing - EMG 17-LG - 2946078

Accessories

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

Marking material - EMG-SGKS 10 - 2947585



Equipment marker, narrow

Marking material - EMG-SGKS 10 - 2947585



Equipment marker, narrow

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

Electronic housing - EMG 17-H 7,5MM KLAR - 2946094



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm, width: 17 mm

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Accessories

Electronic housing - EMG 17-H 15MM KLAR - 2946104



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 17 mm

Electronic housing - EMG 17-H 35MM KLAR - 2942221



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 35 mm, width: 17 mm

Electronic housing - EMG 17-H 52MM GN - 2946117



Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 17.5 mm
