

## Electronic housing - EMG 30-LG - 2947860

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

### 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	5 pc
Minimum order quantity	5 pc
GTIN	
GTIN	4017918082970
Weight per Piece (excluding packing)	31.740 g
Custom tariff number	85472000
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
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### Dimensions

Length	75 mm
Height	47.5 mm
Width	30 mm
Pitch	5 mm
Depth	75 mm

### Technical data

Power dissipation without gap	1.5 W
Power dissipation with 20 mm gap	1.7 W
Number of positions	10

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
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
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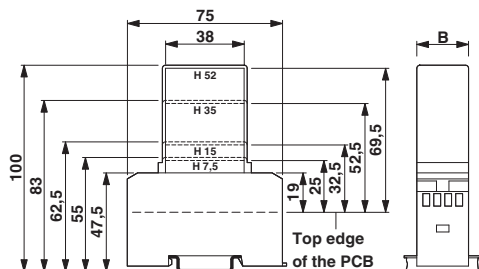
### Environmental Product Compliance

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

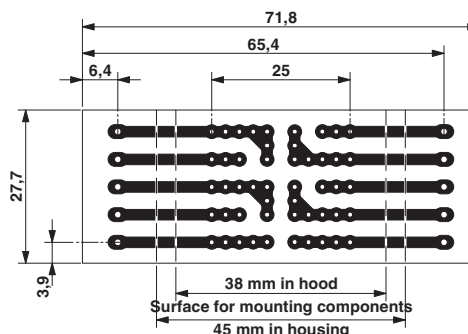
## Drawings

# Electronic housing - EMG 30-LG - 2947860

Dimensional drawing



Dimensional drawing



1 = Top edge of the PCB  
B = Housing width

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	27180401
eCl@ss 4.1	27180401
eCl@ss 5.0	27180506
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

UNSPSC

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

## Approvals

Approvals

# Electronic housing - EMG 30-LG - 2947860

## Approvals

Approvals

EAC

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Ex Approvals

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### 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

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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

## Electronic housing - EMG 30-LG - 2947860

### Accessories

Electronic housing - P 1-EMG 30 - 2947912



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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Marking material - EMG-SGKS 10 - 2947585



Equipment marker, narrow

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Marking material - EMG-SGKS 10 - 2947585



Equipment marker, narrow

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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

## Electronic housing - EMG 30-LG - 2947860

### Accessories

#### Electronic housing - EMG 30-H 7,5MM KLAR - 2947886



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm, width: 30 mm

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#### Electronic housing - EMG 30-H 15MM KLAR - 2947899



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 30 mm

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#### Electronic housing - EMG 30-H 52MM GN - 2947909



Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 30 mm

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