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Electronic housing - EMG125-LG - 2947983

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Electronic housing, 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
- ☑ User-friendly and safe mounting on DIN rails according to EN 60715
- ☑ High degree of flexibility due to the wide choice of versions
- ☑ Uniform and appropriate housing technology
- ☑ Space-saving accommodation of electronic components in finely graded module versions available with 10 to 150 mm pitch
- ☑ 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 083090
GTIN	4017918083090
Weight per Piece (excluding packing)	100.850 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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Electronic housing - EMG125-LG - 2947983

Technical data

Ambient conditions

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

Dimensions

Length	75 mm
Height	47.5 mm
Width	125 mm
Pitch	5 mm
Depth	75 mm

Technical data

Power dissipation without gap	9.5 W
Power dissipation with 20 mm gap	11 W
Number of positions	48

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm²
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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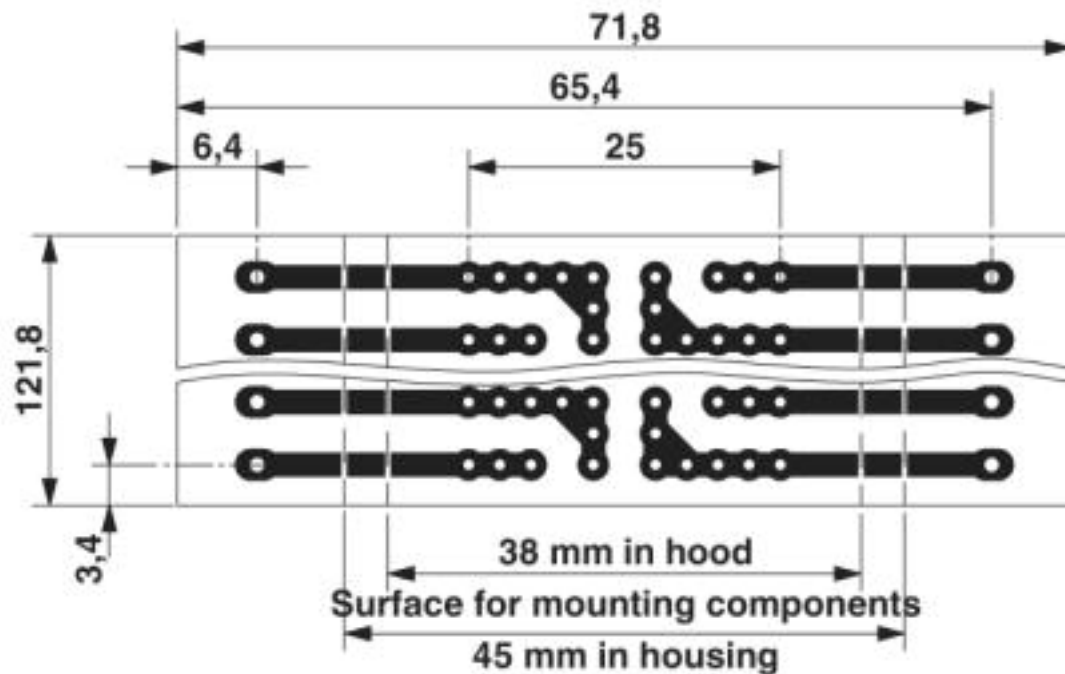
Electronic housing - EMG125-LG - 2947983

Dimensional drawing
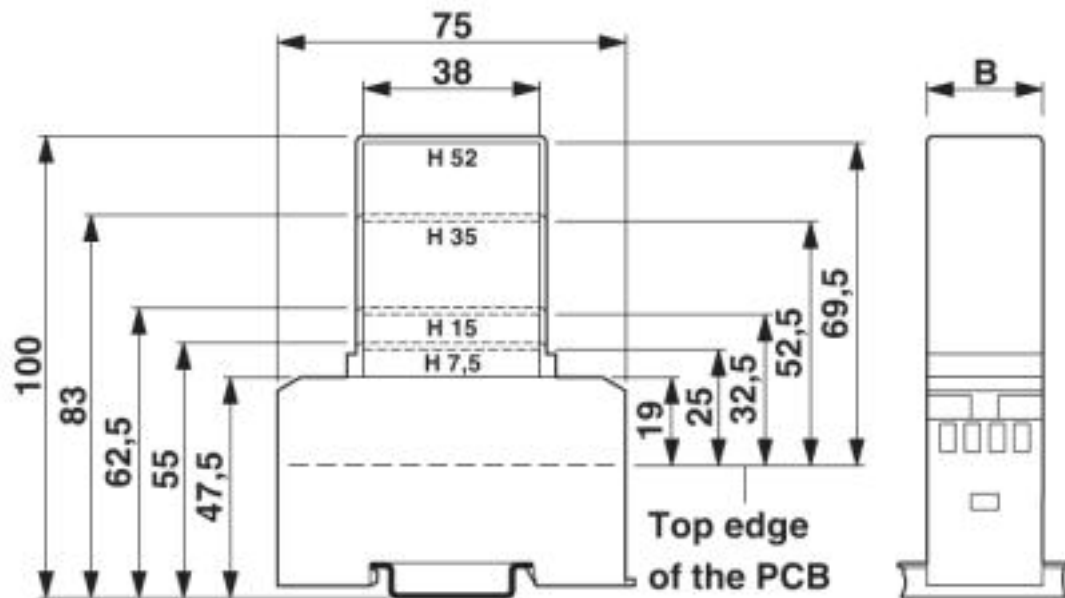
1 = Top edge of the PCB
B = Housing width

Dimensional drawing

Surface for mounting components

Pitch 5 mm
a = Area for mounting components, 38 mm in the hood
b = Area for mounting components, 45 mm in the housing

Electronic housing - EMG125-LG - 2947983

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
UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261501

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

![PHOENIX CONTACT logo]

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Approvals

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

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.

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PCB

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Accessories

PCB - P 1-EMG125 - 2946010

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

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 - EMG125-H 7,5MM KLAR - 2943194

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

Covering hood - EMG125-H 15MM KLAR - 2943181

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 125 mm

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Accessories

Electronic housing - EMG125-H 52MM GN - 2943518

Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 125 mm