

Electronic housing - EMG 25-LG - 2948319

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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
- ✓ 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
- ✓ 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	1 pc
Minimum order quantity	5 pc
GTIN	 4 017918 083267
GTIN	4017918083267
Weight per Piece (excluding packing)	29.570 g
Custom tariff number	85472000
Country of origin	Germany

Technical data

General

Electronic housing - EMG 25-LG - 2948319

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
Height	47.5 mm
Width	25 mm
Pitch	5 mm
Depth	75 mm

Technical data

Power dissipation without gap	1.4 W
Power dissipation with 20 mm gap	1.6 W
Number of positions	8

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
--	----

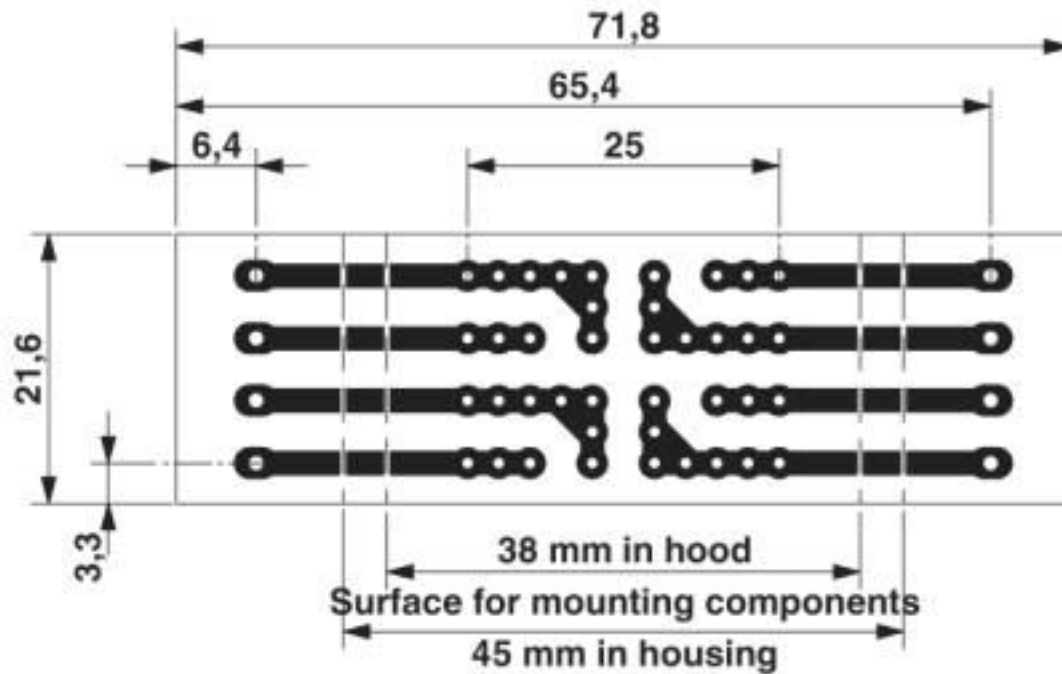
Environmental Product Compliance

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

Drawings

Electronic housing - EMG 25-LG - 2948319

Dimensional drawing



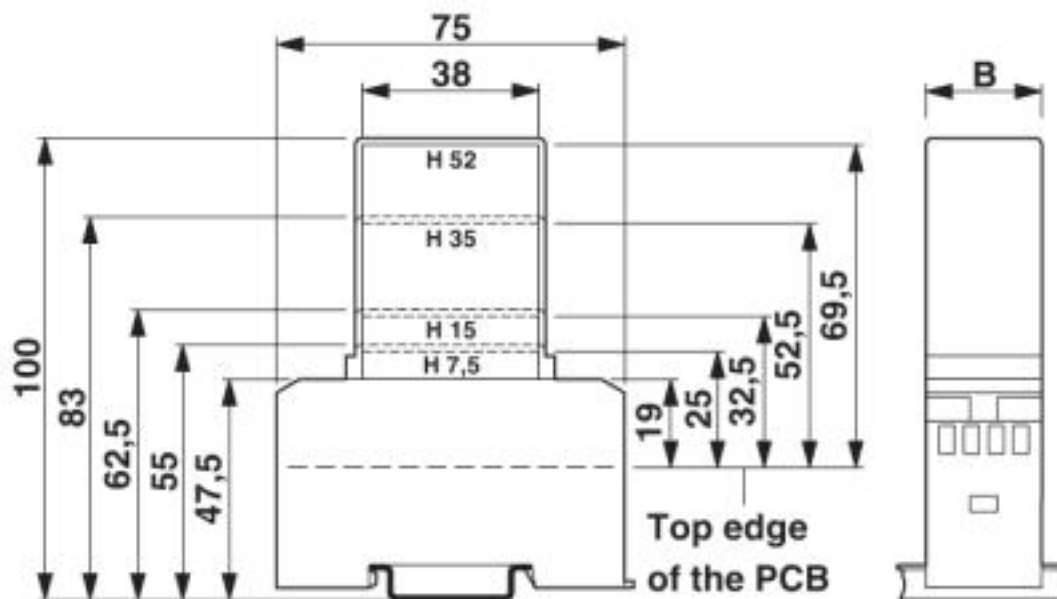
Pitch 5 mm

a = Area for mounting components, 38 mm in the hood

b = Area for mounting components, 45 mm in the housing

Electronic housing - EMG 25-LG - 2948319

Dimensional drawing



1 = Top edge of the PCB

B = Housing width

Classifications

eCl@ss

eCl@ss 10.0.1	27182702
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

Electronic housing - EMG 25-LG - 2948319

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		B.01742
-----	---	---------

Accessories

Accessories

Component housing center part

Electronic housing - EMG 25-ZE - 2941808



Intermediate element, to enlarge the assembly space

Electronic housing - EMG 25-LG - 2948319

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.

PCB

PCB - P 1-EMG 25 - 2947190



PCB for assembling electronic components

Electronic housing - EMG 25-LG - 2948319

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

Covering hood - EMG 25-H 7,5MM KLAR - 2947132



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm, width: 25 mm

Electronic housing - EMG 25-LG - 2948319

Accessories

Covering hood - EMG 25-H 15MM KLAR - 2948322



Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 25 mm

Covering hood - EMG 25-H 52MM GN - 2947145



Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 25 mm