



Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

Electronic housing - EMG150-LG - 2946023

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, for PCB insertion, without screw connection terminal blocks and cover

Why buy this product

- Choice of four cover sizes in transparent or color versions
- Practical and easy-to-wire conductor connections
- 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
- 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



Key Commercial Data

Packing unit	2 STK
GTIN	4 017918 081997

Technical data

General

Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color	green

Ambient conditions

Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
---------------------------------	--

Dimensions

Constructional height	47.5 mm
Width	150 mm

Electronic housing - EMG150-LG - 2946023

Technical data

Dimensions

Pitch	5 mm
-------	------

Technical data

Flammability rating according to UL 94	V0
Power dissipation without gap	12.3 W
Power dissipation with 20 mm gap	13.1 W
Number of positions	58

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
--	----

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

UNSPSC

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

Electronic housing - EMG150-LG - 2946023

Classifications

UNSPSC

UNSPSC 13.2	31261501
-------------	----------

Approvals

Approvals

Approvals

EAC

Ex Approvals

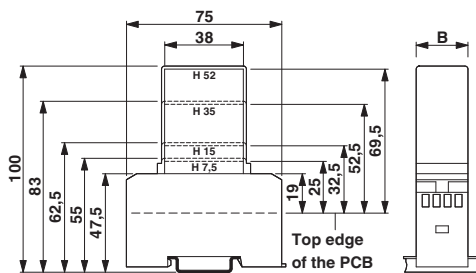
Approvals submitted

Approval details

EAC

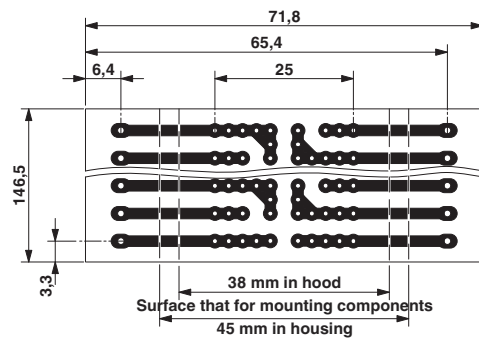
Drawings

Dimensional drawing



1 = Top edge of the PCB
 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

Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Electronic housing, for PCB insertion, without screw connection terminal blocks and cover	2946023	EMG150-LG	Buy on EAN