



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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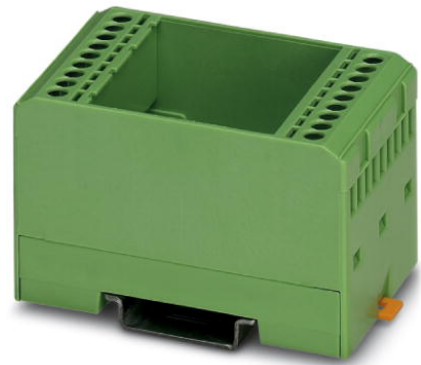
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**EMG 50-LG**

Order No.: 2947242

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2947242>Electronic housing, for PCB insertion, without screw connection  
terminal blocks and cover**Commercial data**

GTIN (EAN)	 4 017918 082680
sales group	F001
Pack	5 pcs.
Customs tariff	85472000
Catalog page information	Page 547 (CC-2009)

**Product notes**WEEE/RoHS-compliant since:  
04/04/2005

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

**Technical data****General**

Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color	green

**Dimensions / positions**

Length	75 mm
Width	50 mm
Number of positions	18
Pitch	5 mm

**Technical data**

Ambient temperature (operation)	-40 °C ... 125 °C
Inflammability class acc. to UL 94	V0
Power dissipation at 20°C in the horizontal mounting position	2.3 W 2.6 W 7.5 mm
	2.8 W 3.4 W 15 mm
	4.7 W 6 W 52 mm

**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 stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm

**Accessories**

Item	Designation	Description
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**Assembly**

2941510	EMG-KA	Terminal block/screw cover, set consisting of 50 strips each for terminal blocks and screw openings, 1 strip covers 12 terminal points.
2941510	EMG-KA	Terminal block/screw cover, set consisting of 50 strips each for terminal blocks and screw openings, 1 strip covers 12 terminal points.

**General**

2947255	P 1-EMG 50	PCB for assembling electronic components
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**Marking**

2947035	EMG-GKS 12	Equipment marker, width 12 mm
2947035	EMG-GKS 12	Equipment marker, width 12 mm

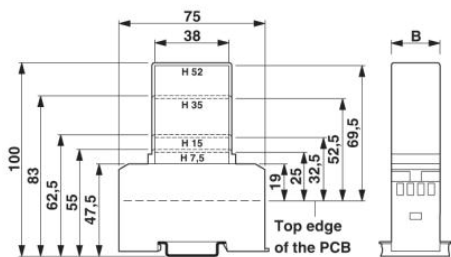
2941594	EMG-GKS 22	Equipment marker tag, width 22 mm
2941594	EMG-GKS 22	Equipment marker tag, width 22 mm

**Additional products**

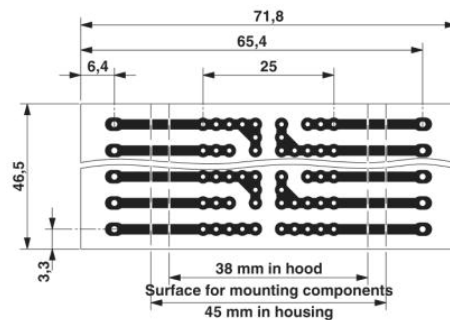
Item	Designation	Description
<b>Assembly</b>		
2947925	EMG 50-H 7,5MM KLAR	Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm, width: 50 mm
2947938	EMG 50-H 15MM KLAR	Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 50 mm
2947941	EMG 50-H 52MM GN	Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 50 mm

**Diagrams/Drawings**

Dimensioned 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

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