

## Excellent Integrated System Limited

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Extract from the online catalog

## EMG 17-LG


Order No.: 2946078

The illustration shows version EMG 25-LG



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2946078>

Electronic housing, with universal foot, for p.c.b. insertion, without screw connection terminal blocks and cover, pitch 5

Commercial data	
GTIN (EAN)	 4 017918 082031
sales group	F001
Pack	10 pcs.
Customs tariff	85472000
Catalog page information	Page 543 (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	
<b>General</b>	
Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color	green

EMG 17-LG Order No.: 2946078

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2946078>

**Dimensions / positions**

Length	75 mm
Width	17.5 mm
Number of positions	6
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	1.3 W 1.4 W 7.5 mm
	1.5 W 1.6 W 15 mm
	2.1 W 2.7 W 35 mm
	2.7 W 4 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
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**

2946120	P 1-EMG 17	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
2947585	EMG-SGKS 10	Equipment marker, narrow

EMG 17-LG Order No.: 2946078

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2946078>

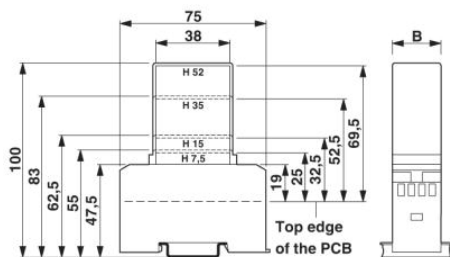
2947585	EMG-SGKS 10	Equipment marker, narrow
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**Additional products**

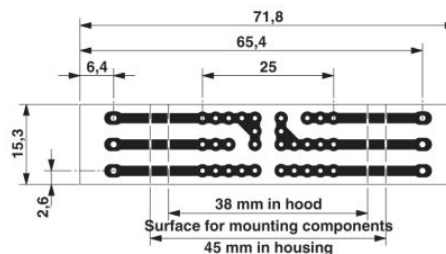
Item	Designation	Description
<b>Assembly</b>		
2946094	EMG 17-H 7,5MM KLAR	Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm, width: 17 mm
2946104	EMG 17-H 15MM KLAR	Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 17 mm
2942221	EMG 17-H 35MM KLAR	Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 35 mm, width: 17 mm
2946117	EMG 17-H 52MM GN	Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 17.5 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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