

**EMG 30-LG**

Order No.: 2947860

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2947860>

Electronic housing, with snap foot for DIN rail EN 50022 for PCB  
insertion, without screw connection terminal blocks and cover

**Commercial data**

|                          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 017918 082970 |
| sales group              | F001                                                                                                  |
| Pack                     | 5 pcs.                                                                                                |
| Customs tariff           | 85472000                                                                                              |
| Catalog page information | Page 545 (CC-2009)                                                                                    |

**Product notes**

WEEE/RoHS-compliant since:  
04/04/2005



[http://  
www.download.phoenixcontact.com](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               | 30 mm |
| Number of positions | 10    |
| 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 | 1.5 W 1.7 W 7.5 mm |
|                                                               | 1.7 W 1.9 W 15 mm  |
|                                                               | 3.6 W 4.9 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 |
|------|-------------|-------------|
|------|-------------|-------------|

#### 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. |
|---------|--------|-----------------------------------------------------------------------------------------------------------------------------------------|

#### General

|         |            |                                          |
|---------|------------|------------------------------------------|
| 2947912 | P 1-EMG 30 | PCB for assembling electronic components |
|---------|------------|------------------------------------------|

#### 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 |

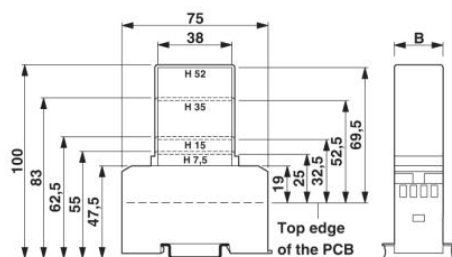
|         |             |                          |
|---------|-------------|--------------------------|
| 2947585 | EMG-SGKS 10 | Equipment marker, narrow |
| 2947585 | EMG-SGKS 10 | Equipment marker, narrow |

#### Additional products

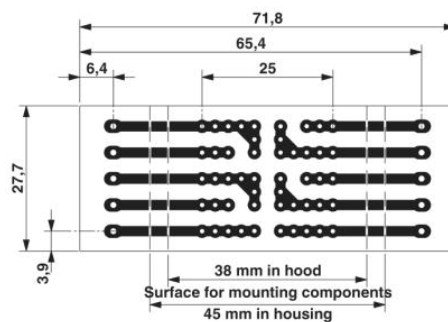
| Item            | Designation         | Description                                                                                                                            |
|-----------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |                     |                                                                                                                                        |
| 2947886         | EMG 30-H 7,5MM KLAR | Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm, width: 30 mm |
| 2947899         | EMG 30-H 15MM KLAR  | Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 30 mm  |
| 2947909         | EMG 30-H 52MM GN    | Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 30 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

**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachsmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2011 Phoenix Contact  
Technical modifications reserved;