# EMG 75-LG/SET - Electronics housing

2940058

https://www.phoenixcontact.com/us/products/2940058

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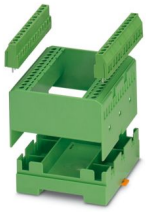


Electronic housing set, consisting of electronic module and printed circuit termination blocks, pitch 5

## Commercial data

| | |
|---|---|
| Item number | 2940058 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | AC11 |
| Product key | ACHCBA |
| Catalog page | Page 713 (C-1-2013) |
| GTIN | 4017918079833 |
| Weight per piece (including packing) | 116.97 g |
| Weight per piece (excluding packing) | 107.99 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

## Set consists of

### EMG 75-LG - Electronics housing

2947378

https://www.phoenixcontact.com/us/products/2947378

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

### MKDS 3/ 2 - PCB terminal block

1711026

https://www.phoenixcontact.com/us/products/1711026

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 $mm^2$, number of potentials: 2, number of rows: 1, number of positions per row: 2, product range: MKDS 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. The article can be aligned to create different nos. of positions!

## MKDS 3/ 3 - PCB terminal block

1711039

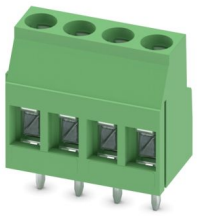
https://www.phoenixcontact.com/us/products/1711039

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 $mm^2$, number of potentials: 3, number of rows: 1, number of positions per row: 3, product range: MKDS 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. The article can be aligned to create different nos. of positions!

## MKDS 3/ 4 - PCB terminal block

1711042

https://www.phoenixcontact.com/us/products/1711042



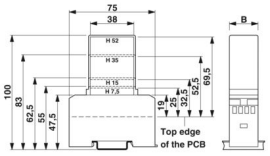
PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 $mm^2$, number of potentials: 4, number of rows: 1, number of positions per row: 4, product range: MKDS 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. The article can be aligned to create different nos. of positions!

## Technical data

### Product properties

| | |
|---|---|
| Product type | Stackable housing set |
| Housing type | Component housing |
| Product family | EMG...-LG |
| Type | Lower housing part, removable cover as option, connection system integrated |
| Number of positions | 28 |
| Pitch | 5 mm |
| Type | Lower and upper part, with snap-on foot, including PCB terminal blocks |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 75 mm |
| Installed height | 47.5 mm |
| Height NS 35/7,5 | 55 mm |
| | 83 mm |
| Depth | 75 mm |
| Length | 75 mm |
| Pitch | 5 mm |

### Material specifications

| | |
|---|---|
| Color | green |
| Flammability rating according to UL 94 | V0 |
| Housing material | Polycarbonate fiber reinforced |

### Environmental and real-life conditions

#### Ambient conditions

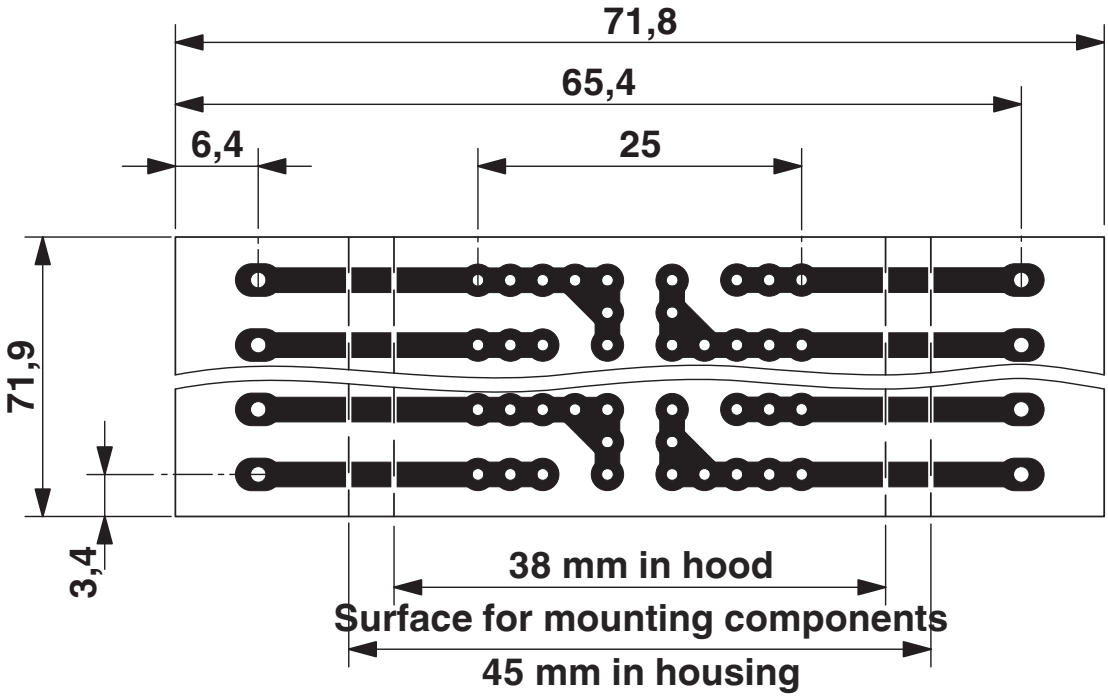
| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 125 °C |

### Mounting

| | |
|---|---|
| Mounting type | DIN rail mounting |

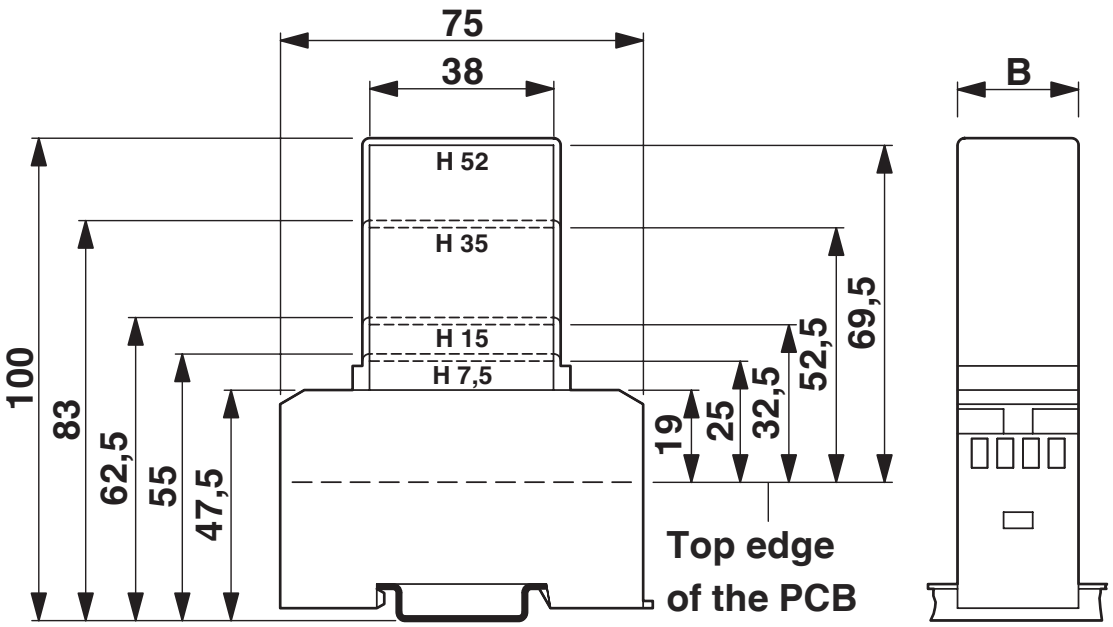
## Drawings

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

Dimensional drawing




1 = Top edge of the PCB
B = Housing width

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-11.0 | 27182702 |

### ETIM

| | |
|---|---|
| ETIM 8.0 | EC001031 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 31261500 |

## Environmental product compliance

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |

## Mandatory accessories

### EMG 75-H  7,5MM KLAR - Covering hood

2947954

https://www.phoenixcontact.com/us/products/2947954

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm, width: 75 mm

### EMG 75-H 15MM KLAR - Covering hood

2947967

https://www.phoenixcontact.com/us/products/2947967

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 75 mm

### EMG 75-H 52MM GN - Covering hood

2947970

https://www.phoenixcontact.com/us/products/2947970

Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 75 mm

## Accessories

### EMG-KA - Cover

2941510

https://www.phoenixcontact.com/us/products/2941510

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

## EMG-GKS 22 - Marking material

2941594

https://www.phoenixcontact.com/us/products/2941594

Device marking label, width: 22 mm, area: 22 x 8 mm, e.g. for EML(20x8) R adhesive marking material

## EMG-GKS 12 - Marking material

2947035

https://www.phoenixcontact.com/us/products/2947035

Device marking label, width: 12 mm, area: 12 x 8 mm, e.g. for EML(10x7) R adhesive marking material

## P 1-EMG 75 - Electronics housing

2947394

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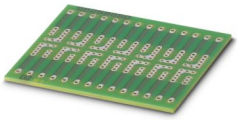
PCB for assembling electronic components

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