

# EMG100-LG/O GY - Electronics housing



2942289

<https://www.phoenixcontact.com/us/products/2942289>

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

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2942289                        |
| Packing unit                         | 5 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | ACHCBA                         |
| GTIN                                 | 4017918365295                  |
| Weight per piece (including packing) | 78.85 g                        |
| Weight per piece (excluding packing) | 78.85 g                        |
| Country of origin                    | DE                             |

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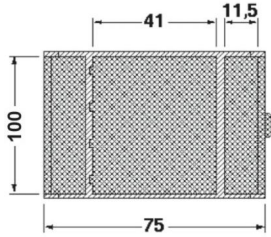
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## Technical data

### Product properties

|                     |   |
|---------------------|---|
| Housing type        | Component housing                               |
| Type                | Lower part of housing, removable cover optional |
| Number of positions | 38  |
| Pitch               | 5 mm  |

### Dimensions

|                     |   |  |
|---------------------|---|--|
| Dimensional drawing |  |  |
| Width               | 100 mm  |  |
| Height NS 35/7,5    | 55 mm   |  |
|                     | 83 mm   |  |
|                     | 100 mm  |  |
| Depth               | 75 mm   |  |
| Length              | 75 mm   |  |
| Pitch               | 5 mm  |  |

### Material specifications

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

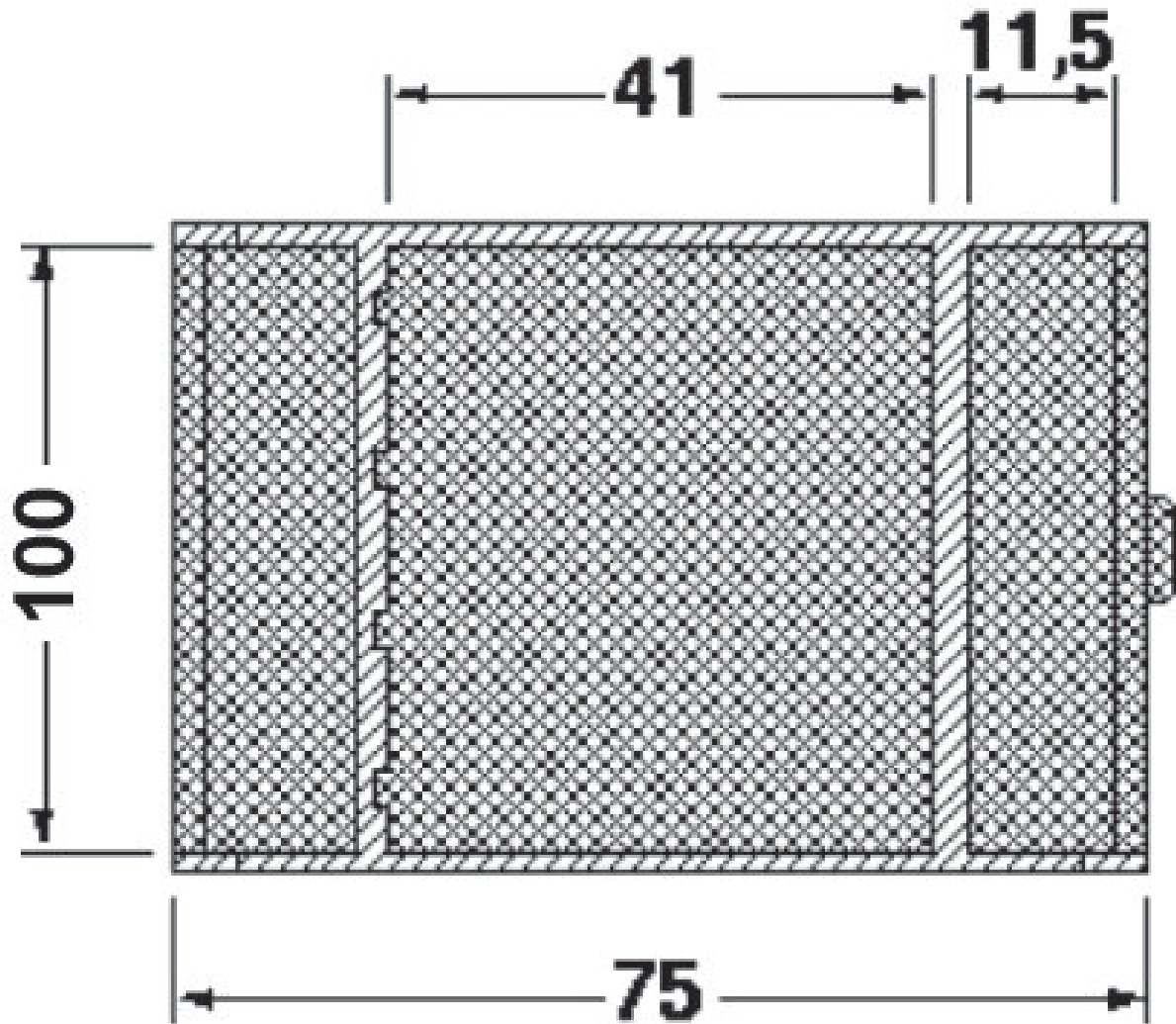
### Environmental and real-life conditions

#### Ambient conditions

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

Drawings

Dimensional drawing



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Dimensional drawing



1 = Top edge of the PCB

B = Housing width

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## Environmental product compliance

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

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

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