

# ME MAX GEH-L G U-U1 KMGY - Housing half shell



2697408

<https://www.phoenixcontact.com/us/products/2697408>

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DIN rail housing, Housing half shell (left), tall design, without vents, width: 6.3 mm, height: 99 mm, depth: 112.85 mm, color: light gray (similar RAL 7035), cross connection: DIN rail bus connector (optional)

## Your advantages

- Easy installation
- Variety of connection technology

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2697408                        |
| Packing unit                         | 10 pc                          |
| Minimum order quantity               | 10 pc                          |
| Note                                 | Made to order (non-returnable) |
| Product key                          | ACHABZ                         |
| GTIN                                 | 4017918983482                  |
| Weight per piece (including packing) | 20.46 g                        |
| Weight per piece (excluding packing) | 16.55 g                        |
| Country of origin                    | DE                             |

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## Technical data

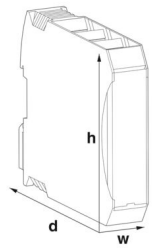
### Notes

|                |   |
|----------------|---|
| Assembly note  | Please observe the application note in the download area.             |
| Recommendation | Material of contact pads for bus connector, galvanic gold (hard gold) |

### Product properties

|                              |                     |
|------------------------------|---------------------|
| Product type                 | Housing half shells |
| Housing type                 | DIN rail housing    |
| Housing type                 | Modular housings    |
| Housing series               | ME-MAX              |
| Product family               | ME MAX.. G U-U1     |
| Number of rows               | 1                   |
| Number (Connection openings) | 1                   |
| Ventilation openings present | no                  |

### Dimensions

|                                 |   |
|---------------------------------|---|
| Dimensional drawing             |  |
| Width                           | 6.3 mm  |
| Height                          | 99 mm   |
| Depth                           | 112.85 mm   |
| Depth from top edge of DIN rail | 107 mm  |

### PCB design

|               |                   |
|---------------|-------------------|
| PCB thickness | 1.4 mm ... 1.8 mm |
|---------------|-------------------|

### Material specifications

|  |                       |
|--|-----------------------|
| Color (Housing half-shell)             | light gray (RAL 7035) |
| Material Housing half-shell            | PA                    |
| Flammability rating according to UL 94 | V0                    |
| CTI according to IEC 60112             | 600                   |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |  |
|---------------------------------|--|
| Max. IP code to attain          | IP20   |
| Ambient temperature (operation) | -40 °C ... 105 °C (depending on power dissipation) |

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|   |                  |
|---|------------------|
| Ambient temperature (storage/transport) | -40 °C ... 55 °C |
| Ambient temperature (assembly)          | -5 °C ... 100 °C |
| Relative humidity (storage/transport)   | 80 %             |

## PCB data

|                      |                   |
|----------------------|-------------------|
| Type of PCB mount    | Latching          |
| Thickness of the PCB | 1.4 mm ... 1.8 mm |

## Mounting

|               |  |
|---------------|--|
| Mounting type | Latching with housing half-shell or intermediate element |
|---------------|--|

## Packaging specifications

|                   |                     |
|-------------------|---------------------|
| Type of packaging | packed in cardboard |
|-------------------|---------------------|

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## Drawings

Dimensional drawing



Schematic view

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2697408>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27190602 |
| ECLASS-15.0 | 27190602 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002779 |
|-----------|----------|

### UNSPSC

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

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### 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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.118 kg CO2e |
|---------|---------------|

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