# Electronic housing - ME MAX 17,5 U-U1 KMGY - 2713641

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DIN rail housing, width: 17.5 mm, with vents, Tall design, Cross connection: DIN rail bus connector, color: light gray (7035)

## Your advantages

- Item is from the ME-MAX product range
- Easy mounting
- Available in overall widths from 6.2 mm to 90 mm, modular extension is possible
- Inflammability class V0 according to UL 94
- Variety of connection technologies
- Can be mounted on the DIN rail
- Optional with bus connector for DIN rail mounting as well as power connection system

RoHS

## Key Commercial Data

| | |
|---|---|
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| GTIN | 4 017918 936150 |
| GTIN | 4017918936150 |

## Technical data

### Item properties

| | |
|---|---|
| Brief article description | Electronic housing |
| Type | ME MAX 17,5 U-U1 KMGY |
| Order No. | 2713641 |
| Housing type | DIN rail housing |
| Type | Tall design |
| Max. IP code to attain | IP20 |
| Mounting type | DIN rail mounting |
| Ventilation openings present | yes |

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## Technical data

### Dimensions

| | |
|---|---|
| Width [ w ] | 17.5 mm |
| Height [ h ] | 99 mm |
| Depth [ d ] | 114.5 mm |
| Depth from top edge of DIN rail [ d ] | 107 mm |

### Material data

| | |
|---|---|
| Color (RAL) | light gray (7035) |
| Flammability rating according to UL 94 | V0 |
| Housing material | Polyamide |

### Ambient conditions

| | |
|---|---|
| Ambient temperature (storage/transport) | -40 °C ... 55 °C |
| Ambient temperature (assembly) | -5 °C ... 100 °C |
| Ambient temperature (operation) | -40 °C ... 105 °C (depending on power dissipation) |
| Relative humidity (storage/transport) | 80 % |

### PCB data

| | |
|---|---|
| Number of PCB holders | 1 |
| PCB thickness | 1.4 mm ... 1.8 mm |
| Mounting position | Vertical (horizontal DIN rail) |
| Type of PCB mount | Latching |

### Power dissipation, single housing at 20 °C

| | |
|---|---|
| Ambient temperature | 20 °C |
| Reduction factor | 1 |
| Mounting position | vertical |
| Power dissipation | 5.2 W |

### Power dissipation, single housing at 30 °C

| | |
|---|---|
| Ambient temperature | 30 °C |
| Reduction factor | 0.91 |
| Mounting position | vertical |
| Power dissipation | 4.7 W |

### Power dissipation, single housing at 40 °C

| | |
|---|---|
| Ambient temperature | 40 °C |
| Reduction factor | 0.81 |
| Mounting position | vertical |
| Power dissipation | 4.2 W |

### Power dissipation, single housing at 50 °C

| | |
|---|---|
| Ambient temperature | 50 °C |
| Reduction factor | 0.7 |
| Mounting position | vertical |
| Power dissipation | 3.6 W |

# Electronic housing - ME MAX 17,5 U-U1 KMGY - 2713641

## Technical data

### Power dissipation, single housing at 60 °C

| | |
|---|---|
| Ambient temperature | 60 °C |
| Reduction factor | 0.57 |
| Mounting position | vertical |
| Power dissipation | 3 W |

### Mechanical strength/tumbling barrel

| | |
|---|---|
| Specification | IEC 60998-1:2002-12 |
| Height of fall | 50 cm |
| Number of drop cycles | 10 |

### Vibration test

| | |
|---|---|
| Specification | IEC 60068-2-6:2007-12 |
| Frequency | 10 - 150 - 10 Hz |
| Sweep speed | 1 octave/min |
| Amplitude | 0.15 mm (10 - 58.1 Hz) |
| Acceleration | 2g (58.1 - 150 Hz) |
| Test duration per axis | 2.5 h |
| Test directions | X-, Y- and Z-axis |

### Shock

| | |
|---|---|
| Specification | IEC 60068-2-27:2008-02 |
| Pulse shape | Half-sine |
| Acceleration | 15g |
| Shock duration | 11 ms |
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |

### Degrees of protection provided by housings (IP code)

| | |
|---|---|
| Specification | IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08 |
| Result, degree of protection, IP code | IP20 |

### General information

| | |
|---|---|
| Type of note | Assembly instruction: |
| Note | Refer to the data sheet for the range in the download area. |

### Packaging information

| | |
|---|---|
| Type of packaging | packed in cardboard |
| Pieces per package | 10 |
| Denomination packing units | Pcs. |
| Outer packaging type | Carton |

### Standards and regulations

| | |
|---|---|
| Connection in acc. with standard | CUL |
| Flammability rating according to UL 94 | V0 |

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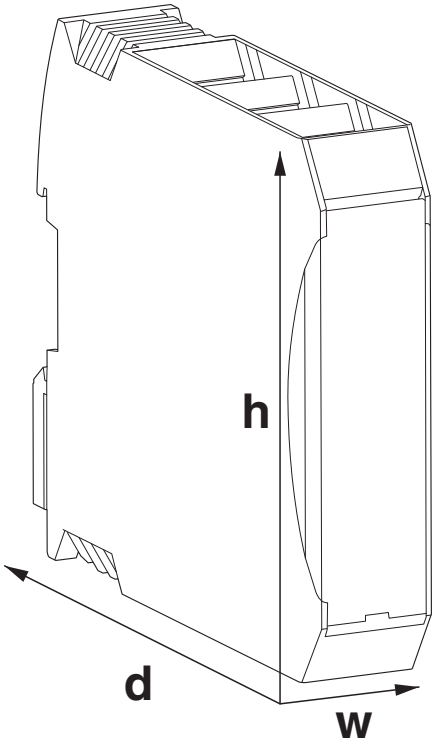
## Technical data

### Environmental Product Compliance

| | |
|---|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

## Drawings

Dimensional drawing




## Approvals

### Approvals

Approvals

UL Recognized

Ex Approvals

### Approval details

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## Approvals

| | | | |
|---|---|---|---|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 240868 |



PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com