

## Electronic housing - ME MAX 45 2-2 KMGY - 2713706

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DIN rail housing, Complete housing with metal foot catch, tall design, with vents, width: 45 mm, 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



### Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	
GTIN	4017918917463

### Technical data

#### Item properties

Brief article description	Electronic housing
Type	ME MAX 45 2-2 KMGY
Order No.	2713706
Housing type	DIN rail housing
Housing series	ME-MAX
Type	Complete housing with metal foot catch, tall design
Max. IP code to attain	IP20
Mounting type	DIN rail mounting

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## Technical data

### Item properties

Connection levels	2 (Both sides)
Ventilation openings present	yes
Max. number of positions	40 (pitch: 3.5 mm)
	32 (pitch: 5 mm)
	24 (pitch: 7.25 mm/7.5 mm)

### Dimensions

Width [ w ]	45 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	2
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	8.2 W

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

Ambient temperature	30 °C
Reduction factor	0.91
Mounting position	vertical
Power dissipation	7.45 W

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

Ambient temperature	40 °C
Reduction factor	0.81
Mounting position	vertical

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## Technical data

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

Power dissipation	6.65 W
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### Power dissipation, single housing at 50 °C

Ambient temperature	50 °C
Reduction factor	0.7
Mounting position	vertical
Power dissipation	5.75 W

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

Ambient temperature	60 °C
Reduction factor	0.57
Mounting position	vertical
Power dissipation	4.65 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.
Type of note	Recommendation
Note	Material of contact pads for bus connector, galvanic gold (hard gold)

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### Technical data

#### 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

#### Environmental Product Compliance

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

### Drawings

# Electronic housing - ME MAX 45 2-2 KMGY - 2713706

Dimensional drawing



## Approvals

Approvals

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Approvals

UL Recognized / EAC

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Ex Approvals

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## Approval details

## Electronic housing - ME MAX 45 2-2 KMGY - 2713706

### Approvals

UL Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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