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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
- Mathematical 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	4 0 1 7 9 1 8 9 1 7 4 6 3
GTIN	4017918917463

## Technical data

#### Item properties

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



# 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



## Technical data

Power dissipation

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

Power dissipation, single housing at 50 °C		
nbient temperature	50 °C	
eduction factor	0.7	
ounting position	vertical	
ower dissipation	5.75 W	
ower dissipation, single housing at 60 °C		
nbient temperature	60 °C	
eduction factor	0.57	
ounting position	vertical	
ower dissipation	4.65 W	
echanical strength/tumbling barrel		
pecification	IEC 60998-1:2002-12	
eight of fall	50 cm	
umber of drop cycles	10	
Vibration test		
pecification	IEC 60068-2-6:2007-12	
equency	10 - 150 - 10 Hz	
weep speed	1 octave/min	
nplitude	0.15 mm (10 - 58.1 Hz)	
cceleration	2g (58.1 - 150 Hz)	
est duration per axis	2.5 h	
est directions	X-, Y- and Z-axis	
lock		
pecification	IEC 60068-2-27:2008-02	
ulse shape	Half-sine	
cceleration	15g	
nock duration	11 ms	
umber of shocks per direction	3	
est directions	X-, Y- and Z-axis (pos. and neg.)	
egrees of protection provided by housings (IP code)		
pecification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08	
esult, degree of protection, IP code	IP20	
General information		
/pe of note	Assembly instruction:	
ote	Refer to the data sheet for the range in the download area.	
/pe of note	Recommendation	
ote	Material of contact pads for bus connector, galvanic gold (hard gold)	

6.65 W



## 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	

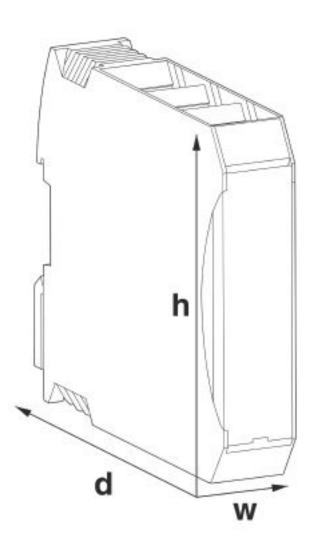
### **Environmental Product Compliance**

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

## Drawings



Dimensional drawing



## Approvals

Approvals

### Approvals

UL Recognized / EAC

Ex Approvals

Approval details



## Approvals

UL Recognized	91	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 240868
EAC	EAC		B.01742

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