

## Mounting base housing - ICS25-B100X120-V-7035 - 2203884

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DIN rail housing, width: 25 mm, Level 1: with vents, Lower part, color: light gray (7035)

### Your advantages

- Flexible use, thanks to the modular system and unique modularity in the connection technology
- Standardized connections such as RJ45, USB, D-SUB, and antenna sockets as integrative components
- Optimal space utilization, as well as adaptability of design, colors, and printing
- 8-pos. DIN rail connectors for easy module-to-module communication

### Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	
GTIN	4055626465593

### Technical data

#### Item properties

Brief article description	Mounting base housing
Type	ICS25-B100X120-V-7035
Order No.	2203884
Housing type	DIN rail housing
Type	Lower part
Max. IP code to attain	IP20
Mounting type	DIN rail mounting
Number of levels	4
Ventilation openings present	yes
Max. number of positions	32 (pitch: 5 mm)

#### Dimensions

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## Technical data

### Dimensions

Width [ w ]	25 mm
Height [ h ]	100 mm
Depth from top edge of DIN rail [ d ]	120 mm
Dimensions	25 mm x 100 mm x 132 mm (Lower housing part with upper housing part)

### 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
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	17 W

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

Ambient temperature	30 °C
Reduction factor	0.81
Mounting position	vertical
Power dissipation	13.5 W

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

Ambient temperature	40 °C
Reduction factor	0.67
Mounting position	vertical
Power dissipation	11.4 W

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

Ambient temperature	50 °C
Reduction factor	0.53
Mounting position	vertical
Power dissipation	9 W

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## Technical data

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

Ambient temperature	60 °C
Reduction factor	0.41
Mounting position	vertical
Power dissipation	7 W

### Mechanical strength/tumbling barrel

Height of fall	50 cm
Number of drop cycles	50

### 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	Semi-sinusoidal
Acceleration	15g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

### Thermostability (Ball Thrust Test)

Specification	IEC 60695-10-2:2014-02
Temperature	125 °C
Test duration	1 h
Force	20

### Test for assessing the risk of fire (glow wire)

Specification	IEC 60695-2-11:2014-02
Temperature	850 °C
Time of exposure	30 s

### Test for substances that would hinder coating with paint or varnish

Specification	VW PV 3.10.7:2005-02
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### 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

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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

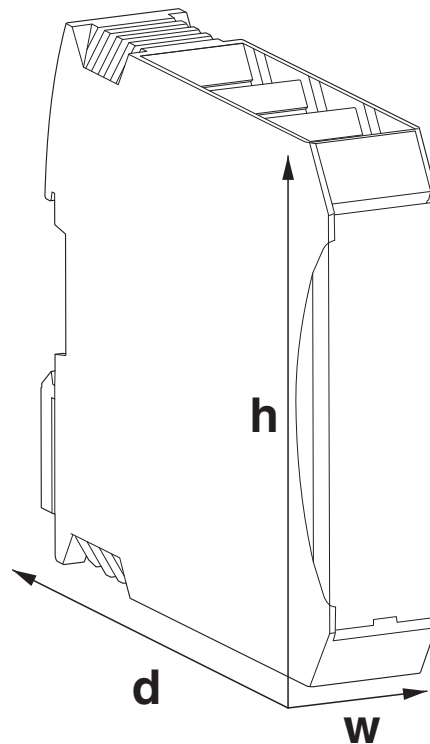
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

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

## Drawings

Dimensional drawing



## Approvals

Approvals

## Mounting base housing - ICS25-B100X120-V-7035 - 2203884

### Approvals

Approvals

UL Recognized

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Ex Approvals

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### Approval details

UL Recognized



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

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