

## Mounting base housing - ICS25-B100X98-V-7035 - 2203881


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### 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	1 pc
Minimum order quantity	10 pc
GTIN	 4 055626 465562
GTIN	4055626465562
Weight per Piece (excluding packing)	50.000 g
Custom tariff number	85389099
Country of origin	Germany

### Technical data

#### Item properties

Brief article description	Mounting base housing
Type	ICS25-B100X98-V-7035
Order No.	2203881
Type	Lower part
Ventilation openings present	yes

# Mounting base housing - ICS25-B100X98-V-7035 - 2203881

## Technical data

### Dimensions

Width [ w ]	25 mm
Height [ h ]	100 mm
Depth from top edge of DIN rail [ d ]	98 mm
Dimensions	25 mm x 100 mm x 110 mm (Lower housing part with upper housing part)

### Material data

Color (similar to RAL)	light gray (7035)
Flammability rating according to UL 94	V0
Housing material	PA 6.6

### Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Ambient temperature (operation)	-40 °C ... 100 °C (observe derating)

### PCB data

Number of PCB holders	2
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### 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	40 °C
Reduction factor	0.67
Mounting position	vertical

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

Ambient temperature	60 °C
Reduction factor	0.41
Mounting position	vertical

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

Ambient temperature	80 °C
Reduction factor	0.22
Mounting position	vertical

### Mechanical strength/tumbling barrel

Height of fall	50 cm
Number of drop cycles	50

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## Technical data

### 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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### Packaging information

Pieces per package	10
Denomination packing units	Pcs.

### 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

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## Classifications

### eCl@ss

eCl@ss 5.1	27180505
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

### ETIM

ETIM 5.0	EC001031
ETIM 6.0	EC001031

## Approvals

### Approvals

#### Approvals

UL Recognized

#### Ex Approvals

### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 240868
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## Accessories

### Additional products

Upper part of housing - ICS25-C100X12-7035 - 2203882

Component housing, width: 25 mm ,closed, , Upper part



## Mounting base housing - ICS25-B100X98-V-7035 - 2203881

### Accessories

Upper part of housing - ICS25-TL100X12-7035 - 2203883

Component housing, width: 25 mm ,With transparent hinged cover, , Upper part



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Feed-through header - ICC25-H/4L5,0-7035 - 2203902



PCB headers, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, color: light gray, mounting: Wave soldering, Article with lateral pin exit

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Feed-through header - ICC25-H/4R5,0-7035 - 2203903



PCB headers, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, color: light gray, Article with lateral pin exit

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Printed-circuit board connector - PSPT 2,5/ 4-ST KMGY - 2202344



PCB connector, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, color: light gray, contact surface: Tin

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Printed-circuit board connector - MSTBT 2,5 HC/ 4-STP GY7035 - 2200332



PCB connector, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5 mm, connection method: Screw connection, color: light gray, contact surface: Tin

## Mounting base housing - ICS25-B100X98-V-7035 - 2203881

### Accessories

Connection plate - ICS25-F22S-7035 - 2203890



ICS-Filler, closed, color: light gray, width: 25 mm

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Connection plate - ICS25-F45S-7035 - 2203891



ICS-Filler, closed, color: light gray, width: 25 mm

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Connection plate - ICS25-F22V-7035 - 1079495



Component housing, Filler, with vents, color: light gray, width: 25 mm

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Connection plate - ICS25-F45V-7035 - 1079492

Component housing, Filler, with vents, color: light gray, width: 25 mm

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Connection plate - ICS25-F22J-7035 - 2203895



ICS-Filler, with RJ45 function cutout, color: light gray, width: 25 mm

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## Mounting base housing - ICS25-B100X98-V-7035 - 2203881

### Accessories

Connection plate - ICS25-F22U-7035 - 1053046



ICS-Filler, with USB function cutout, color: light gray, width: 25 mm

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Connection plate - ICS25-F22A-7035 - 2203894



ICS-Filler, with antenna function cutout, color: light gray, width: 25 mm

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Connection plate - ICS25-F45D15-7035 - 2203896



ICS-Filler, With D-SUB 15 function cutout, color: light gray, width: 25 mm

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DIN rail bus connectors - TBUS8-25,0-PPPPPPPP-7035 - 2202891



DIN rail connector, nominal current: 6 A, rated voltage (III/2): 32 V, number of positions: 8, pitch: 2.54 mm, color: light gray

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DIN rail bus connectors - TBUS8-25,0-PPPPPPPS-7035 - 2202890



DIN rail connector, nominal current: 6 A, number of positions: 8, pitch: 2.54 mm, color: light gray

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### Accessories

DIN rail bus connectors - TBUS8-25,0-PPPPPPSS-7035 - 2202895



DIN rail connector, nominal current: 6 A, number of positions: 8, pitch: 2.54 mm, color: light gray

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