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Mounting base housing - ICS25-B100X98-V-5015 - 1072379

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DIN rail housing, Lower housing part with metal foot catch, Level 1: with vents, width: 25 mm, height: 100 mm, depth: 108.35 mm, cross connection: DIN rail connector (optional), number of positions cross connector: 8, color: blue (5015)

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 components that can be integrated

☑ Optimal space utilization, as well as adaptability of design, colors, and printing

☑ Eight-position DIN rail connectors with parallel and up to two serial contacts for easy module-to-module communication

RoHS | | **IP20**

Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	4 055626 763439
GTIN	4055626763439

Technical data

Item properties

Brief article description	Mounting base housing
Type	ICS25-B100X98-V-5015
Order No.	1072379
Housing type	DIN rail housing
Type	Lower housing part with metal foot catch
Max. IP code to attain	IP20
Mounting type	DIN rail mounting
Number of levels	4
Connection levels	3 (Both sides)
Ventilation openings present	yes
Max. number of positions	24 (pitch: 5 mm)

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Item properties

	30 (pitch: 3.5 mm)

Dimensions

Width [w]	25 mm
Height [h]	100 mm
Depth [d]	108.35 mm
Depth from top edge of DIN rail [d]	98.15 mm
Dimensions	25 mm x 100 mm x 110 mm (Lower housing part with upper housing part)

Material data

Housing material	Polyamide
Color (RAL)	blue (5015)
Flammability rating according to UL 94	V0

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

Mechanical strength/tumbling barrel

Specification	IEC 60068-2-31:2008-05
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

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Shock

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

Testing for paint wetting impairment substances (LABS-conformity)

Specification	VW PV 3.10.7:2005-02

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

Protection against electric shock

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Requirements, protection against electric shock	It must not be possible to touch any conductive part with the IEC test finger and a test force of 10 N.

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)

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

Drawings

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Dimensional drawing
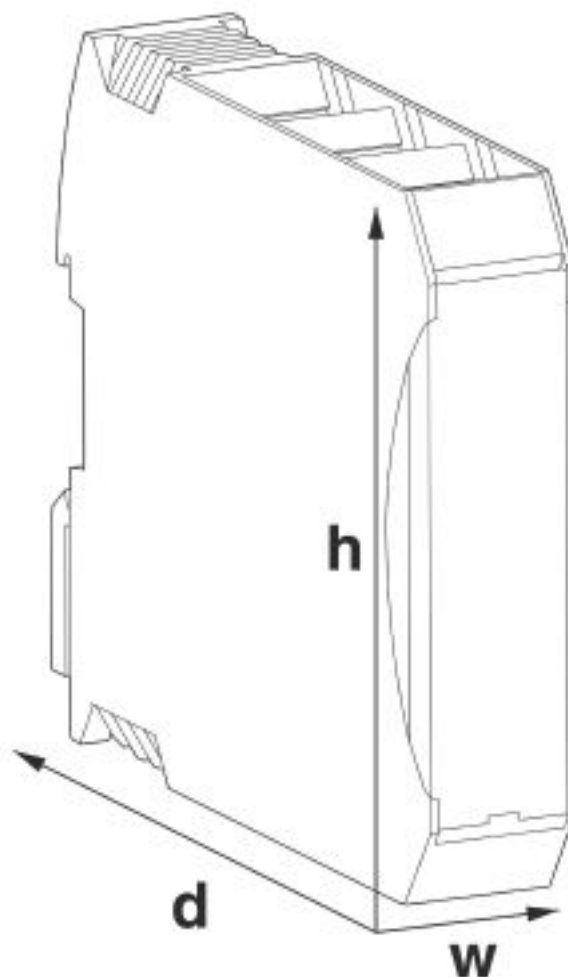
Classifications

eCl@ss

eCl@ss 10.0.1	27182702
eCl@ss 11.0	27182702
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

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Classifications

ETIM

ETIM 6.0	EC001031
ETIM 7.0	EC001031

Approvals

Approvals

Approvals

UL Recognized

Ex Approvals

Approval details

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

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