

2203884

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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: 130.9 mm, color: light gray (similar RAL 7035), cross connection: DIN rail connector (optional), number of positions cross connector: 8

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

Commercial data

Item number	2203884
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC09
Product key	ACHAEB
GTIN	4055626465593
Weight per piece (including packing)	53.64 g
Weight per piece (excluding packing)	44.7 g
Customs tariff number	85389099
Country of origin	DE



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Technical data

Notes

Assembly note	Refer to the data sheet for the range in the download area.
Recommendation	Material of contact pads for bus connector, galvanic gold (hard gold)

Product properties

Product type	Enclosure bottom part
Housing type	DIN rail housing
Housing series	ICS
Product family	ICS25100X
Max. number of positions	40 (pitch: 3.5 mm)
	32 (pitch: 5 mm)
Number of rows	5
Number (Number of connection openings)	8
Туре	Lower housing part with metal foot catch
Ventilation openings present	yes
Data management status	
Article revision	01

Dimensions

Dimensional drawing	h w
Width	25 mm
Height	100 mm
Depth	130.9 mm
Depth from top edge of DIN rail to support point on upper part	120.7 mm
Dimensions	25 mm x 100 mm x 132.6 mm (Lower housing part from the top edge of the DIN rail with upper housing part)
	25 mm x 100 mm x 139.2 mm (Lower housing part with upper housing part)
PCB design	
PCB thickness	1.4 mm 1.8 mm
Naterial specifications	

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Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Housing material	Polyamide
Surface characteristics	untreated
Environmental and real-life conditions Power dissipation single housing for 20 °C	
Ambient temperature	20 °C
Reduction factor	1
Mounting position	vertical
Power dissipation	17 W
Power dissipation single housing for 30 °C	
Ambient temperature	30 °C
Reduction factor	0.81
Mounting position	vertical
Power dissipation	13.5 W
Power dissipation single housing for 40 °C	
Ambient temperature	40 °C
Reduction factor	0.67
Mounting position	vertical
Power dissipation	11.4 W
Power dissipation single housing for 50 °C	
Ambient temperature	50 °C
Reduction factor	0.53
Mounting position	vertical
Power dissipation	9 W
Power dissipation single housing for 60 °C	
Ambient temperature	60 °C
Reduction factor	0.41
Mounting position	vertical
Power dissipation	7 W
Power dissipation single housing for 70 °C	
Ambient temperature	70 °C
Reduction factor	0.31
Mounting position	vertical
Power dissipation	5.3 W
Vibration test	
Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min



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Specification IEC 60695-2-11:2014-02 Temperature 850 °C Time of exposure 30 s nermal stability / ball thrust test	Amplitude	0.15 mm (10 Hz 58.1 Hz)
Test directions	Acceleration	2g (58.1 Hz 150 Hz)
Specification IEC 60695-2-112014-02	Test duration per axis	2.5 h
Temperature 850 °C Time of exposure 30 s hermal stability / ball thrust test Specification IEC 60695-10-2:2014-02 Temperature 125 °C Temperature 125 °C Temperature 126 °C Test duration 1h Force 20 N Mechanical strength / tumbling barrel Specification IEC 60068-2-31:2008-05 Height of fall 50 cm Frequency 50 Mocks Specification IEC 60068-2-27:2008-02 Pulse shape Semi-sinusoidal Acceleration 11 ms Number of shocks per direction 3 Test directions X, Y- and Z-axis (pos. and neg.) Jest for substances that would hinder coating with paint or varnish Specification VDMA 24364-2018-05 Result Test passed Jegree of protection (IP code) Specification IEC 600529-1989-11 + AMD 1:1999-11 + AMD 2:2013-08 IP20 Ambient temperature (operation) 40 °C 105 °C (depending on power dissipation) Ambient temperature (storage/transport) 40 °C 105 °C (depending on power dissipation) Ambient temperature (assembly) Relatia Number of PCB holders 2	Test directions	X-, Y- and Z-axis
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Test duration	Specification	IEC 60695-10-2:2014-02
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Relative humidity (storage/transport) max. 80 % B data Number of PCB holders 2	Ambient temperature (storage/transport)	-40 °C 55 °C
B data Number of PCB holders 2	Ambient temperature (assembly)	-5 °C 100 °C
Number of PCB holders 2	Relative humidity (storage/transport)	max. 80 %
	B data	
	Number of PCB holders	2



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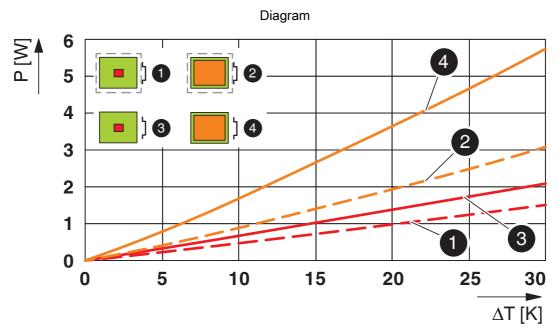
Thickness of the PCB	1.4 mm 1.8 mm
Mounting	
Mounting type	DIN rail mounting
Packaging specifications	
r dokaging opcomoditorio	
Type of packaging	packed in cardboard
Outer packaging type	Carton



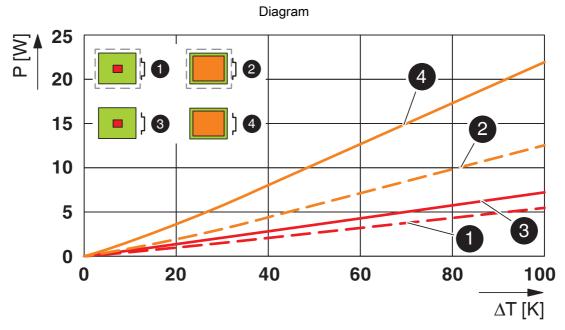
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Drawings



Power dissipation diagram for 0 K \dots 30 K



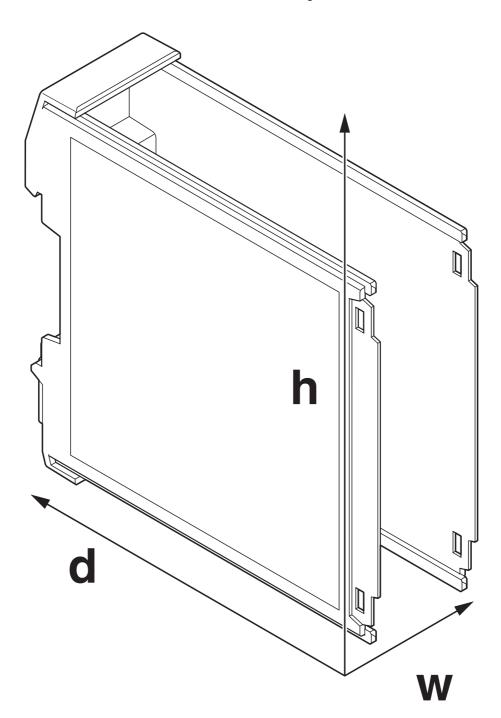
Power dissipation diagram for 0 K ... 100 K



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Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.



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Classifications

ECLASS

	ECLASS-11.0	27182702
	ECLASS-13.0	27190601
ΕΊ	¬IM	
	ETIM 9.0	EC002779
U	NSPSC	
	UNSPSC 21.0	31261500



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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