

2202663

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DIN rail housing, Lower housing part with metal foot catch, with vents, width: 37.89 mm, height: 120.6 mm, depth: 64.3 mm, color: light gray (similar RAL 7035), cross connection: DIN rail connector (optional), number of positions cross connector: 5 or 8

Your advantages

- · Easy, tool-free mounting
- · Optional DIN rail connector for easy module-to-module communication
- · Lock and Release principle for automatic latching and intuitive release of the front connection plug
- · Plastic in accordance with UL94 V0: for more rigorous flammability requirements
- · Greater flexibility: combination with ICS series electronics housing using DIN rail connectors

Commercial data

Item number	2202663
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC15
Product key	ACHEBA
GTIN	4055626199290
Weight per piece (including packing)	45.33 g
Weight per piece (excluding packing)	45.33 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

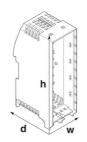
Product type	Enclosure bottom part
Housing type	DIN rail housing
Housing series	ME-IO
Max. number of positions	96 (pitch: 3.45 mm)
	64 (pitch: 5 mm)
Туре	Lower housing part with metal foot catch
Ventilation openings present	yes

Data management status

Article revision	04
	Article revision

Dimensions

Dimensional	I drawing
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Width	37.89 mm
Height	120.6 mm
Depth	64.3 mm
Depth from top edge of DIN rail	57.7 mm

PCB design

PCB thickness	1.4 mm 1.8 mm
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Material specifications

Color (Housing)	light gray (RAL 7035)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Housing material	Polyamide
Surface characteristics	untreated

Environmental and real-life conditions



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Power dissipation single housing for 20 °C	
Ambient temperature	20 °C
Reduction factor	1
Mounting position	vertical
Power dissipation	16 W
Power dissipation single housing for 30 °C	
Ambient temperature	30 °C
Reduction factor	0.82
Mounting position	vertical
Power dissipation	13.1 W
Power dissipation single housing for 40 °C	
Ambient temperature	40 °C
Reduction factor	0.64
Mounting position	vertical
Power dissipation	10.2 W
Power dissipation single housing for 50 °C	
Ambient temperature	50 °C
Reduction factor	0.49
Mounting position	vertical
Power dissipation	7.8 W
Power dissipation single housing for 60 °C Ambient temperature	60 °C
Reduction factor	0.31
Mounting position	vertical
Power dissipation	5 W
Vibration test	
Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 Hz 58.1 Hz)
Acceleration	2g (58.1 Hz 150 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis
Glow-wire test	
Specification	IEC 60695-2-11:2014-02
Temperature	850 °C
Time of exposure	30 s
Thermal stability / ball thrust test	
Specification	IEC 60695-10-2:2014-02
Temperature	125 °C



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Test duration	1 h
Force	20 N
Mechanical strength / tumbling barrel	
Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Frequency	50
Shocks	
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.)
Test for substances that would hinder coating with paint or	vornish
Specification	VDMA 24364:2018-05
Specification	V DIVIA 24304.2010-03
Degree of protection (IP code)	
Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Ambient conditions	
Max. IP code to attain	IP20
Ambient temperature (operation)	-40 °C 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C 55 °C
Ambient temperature (assembly)	-5 °C 100 °C
Relative humidity (storage/transport)	80 %
CB data	
Number of PCB holders	2
Type of PCB mount	Latching
Total PCB surface	13000 mm²
Thickness of the PCB	1.4 mm 1.8 mm
ounting	
Mounting type	DIN rail mounting
ackaging specifications	
	neeked in earth
Type of packaging	packed in cardboard
Outer packaging type	Carton

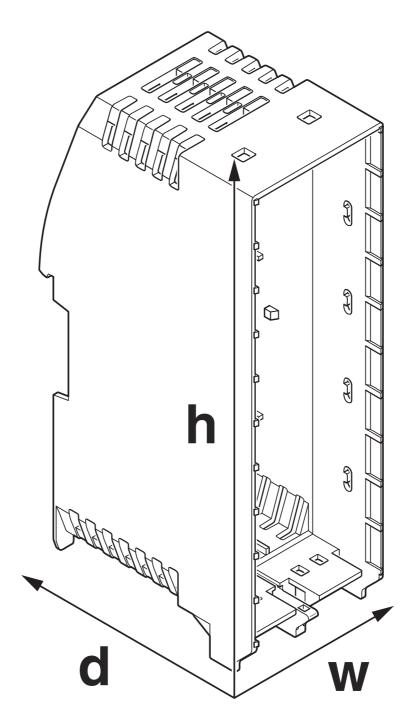


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Drawings

Dimensional drawing



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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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2202663



UL RecognizedApproval ID: E240868



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Classifications

ECLASS

	ECLASS-11.0	27182702		
	ECLASS-13.0	27190601		
ΕT	ETIM			
LIIIVI				
	ETIM 9.0	EC002779		
UNSPSC				
Uľ	NOTOC			

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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