

1159013

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DIN rail housing, Lower housing part with metal foot catch, with vents, width: 56.88 mm, height: 120.6 mm, depth: 82.85 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
- · Versatile use: deeper design for more PCB space
- Wide design: ideal for integrating TFT displays for controllers
- · Greater flexibility: combination with ICS series electronics housing using DIN rail connectors

Commercial data

Item number	1159013
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	ACHEBA
GTIN	4063151166519
Weight per piece (including packing)	65.5 g
Weight per piece (excluding packing)	65.5 g
Customs tariff number	85389099
Country of origin	CN



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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

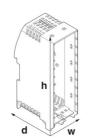
Product type	Enclosure bottom part
Housing type	DIN rail housing
Housing series	ME-IO
Туре	Lower housing part with metal foot catch
Ventilation openings present	yes

Data management status

Article revision	01
ALLICIE TEVISION	υı

Dimensions

Dimensional	drawing
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Width	56.88 mm
Height	120.6 mm
Depth	82.85 mm
Depth from top edge of DIN rail	76.25 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

	Power	dissipation	sinale	housing	for 20	°C
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, ,	3	
Ambient temperature		20 °C



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Reduction factor	1
Mounting position	vertical
Power dissipation	28.8 W
Power dissination single housing for 20 °C	
Power dissipation single housing for 30 °C Ambient temperature	30 °C
Reduction factor	0.85
Mounting position	vertical
Power dissipation	24.6 W
i ower dissipation	2-4.0 VV
Power dissipation single housing for 40 °C	
Ambient temperature	40 °C
Reduction factor	0.67
Mounting position	vertical
Power dissipation	19.4 W
Power dissipation single housing for 50 °C	
Ambient temperature	50 °C
Reduction factor	0.48
Mounting position	vertical
Power dissipation	14 W
Power dissipation single housing for 60 °C	
Ambient temperature	60 °C
Reduction factor	0.3
Mounting position	vertical
Power dissipation	8.9 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	IFO COCOE 2 44:2044 00
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
Test duration	1 h
Force	20 N



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echanical strength / tumbling barrel Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Frequency	50
nocks	
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.)
est for substances that would hinder coating with paint or varnish	
Specification	VDMA 24364:2018-05
egree of protection (IP code)	
Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
mbient 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 %
3 data	
Number of PCB holders	3
Type of PCB mount	Latching
Total PCB surface	25500 mm²
Thickness of the PCB	1.4 mm 1.8 mm
ınting	
•	
Mounting type	DIN rail mounting
kaging specifications	
Raging specifications	
Type of packaging	packed in cardboard

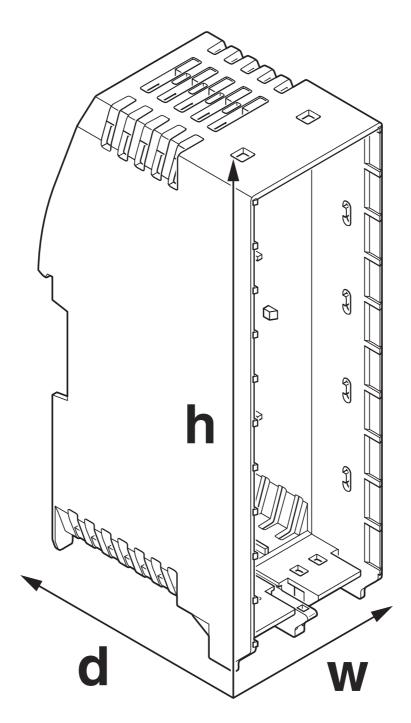


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Drawings

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/pc/products/1159013



UL RecognizedApproval ID: E240868



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Classifications

ECLASS

	ECLASS-11.0	27182702	
	ECLASS-13.0	27190601	
ETIM			
LTIW			
	ETIM 9.0	EC001031	
UNSPSC			
	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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Accessories

ME-IO 56,4 C 10U D2,4-TRG 7035 - Upper housing part with touch display

1209364

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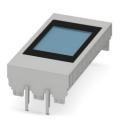


DIN rail housing, 10U upper part, integrated 2.4" resistive touch display, resolution: 320 x 240 Pixel(s), interface: 4-wire SPI half duplex, Housing cover, width: 56.88 mm, height: 109.8 mm, depth: 29.5 mm

ME-IO 56,4 C 10U D2,4-TRG 7035-VPE1 - Upper housing part with touch display

1225275

https://www.phoenixcontact.com/pc/products/1225275



DIN rail housing, 10U upper part, integrated 2.4" resistive touch display, interface: 4-wire SPI half duplex, Housing cover, width: 56.88 mm, height: 109.8 mm, depth: 29.5 mm

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