

1158981

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DIN rail housing, Lower housing part with metal foot catch, with vents, width: 75.87 mm, height: 120.6 mm, depth: 82.85 mm, color: light grey (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
- Greater flexibility: combination with ICS series electronics housing using DIN rail connectors

Commercial data

Item number	1158981
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC15
Product key	ACHEBA
GTIN	4063151166120
Weight per piece (including packing)	78.5 g
Weight per piece (excluding packing)	78.5 g
Customs tariff number	85389099
Country of origin	CN



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Technical data

Notes

General	Refer to the data sheet for the range in the download area.
General	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	192 (pitch: 3.45 mm)
	128 (pitch: 5 mm)
Туре	Lower housing part with metal foot catch
Ventilation openings present	yes

Dimensions

Dimensional drawing	h w
Width	75.87 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
Antonial annuiting tions	

Material specifications

Color (Housing)	light grey (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 single housing for 20 °C

Ambient temperature	20 °C
Reduction factor	1



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Mechanical strength / tumbling barrel

Mounting position	vertical
Mounting position	
Power dissipation	33.7 W
Power dissipation single housing for 30 °C	
Ambient temperature	30 °C
Reduction factor	0.82
Mounting position	vertical
Power dissipation	27.6 W
Power dissipation single housing for 40 °C	
Ambient temperature	40 °C
Reduction factor	0.62
Mounting position	vertical
Power dissipation	21 W
Power dissipation single housing for 50 °C	
Ambient temperature	50 °C
Reduction factor	0.46
Mounting position	vertical
Power dissipation	15.5 W
Power dissipation single housing for 60 °C	
Ambient temperature	60 °C
Reduction factor	0.3
Mounting position	vertical
Power dissipation	10.3 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
Time of exposure	00 8
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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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 varn	nish
Specification	VDMA 24364:2018-05
Degree of protection (IP code)	
Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Specification	TEC 00329.1909-11 + AIVID 1.1999-11 + AIVID 2.2013-00
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	4
Type of PCB mount	Latching
Total PCB surface	34000 mm²
Thickness of the PCB	1.4 mm 1.8 mm
punting	
Mounting type	DIN rail mounting
	DIN rail mounting Vertical (horizontal DIN rail)
Mounting type	
Mounting type Mounting position	

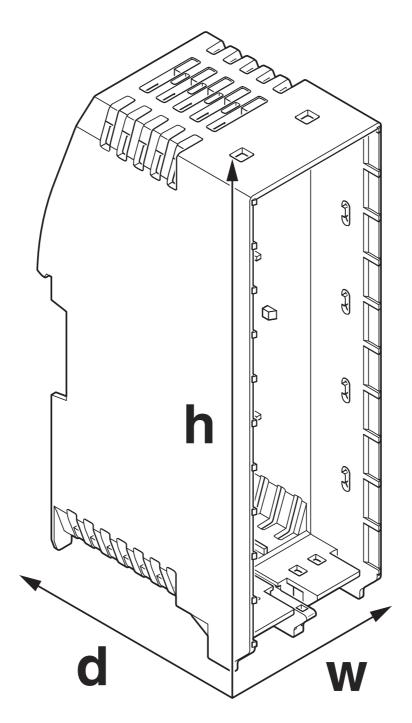


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Drawings

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/1158981



UL RecognizedApproval ID: FILE E 240868



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Classifications

ECLASS

	ECLASS-11.0	27182702
	ECLASS-13.0	27190601
ETIM		
ETIM		
	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

https://www.phoenixcontact.com/us/products/1209364



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/us/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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