# ME-IO 56,4 EB 10U TBUS 7035 - Mounting base housing



#### 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 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
- · 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 рс
Minimum order quantity	10 pc
Sales key	AC15
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

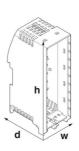
General	Refer to the data sheet for the range in the download area.
General	Material of contact pads for bus connector, galvanic gold (hard gold)

#### **Product properties**

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

#### Dimensions

Dimensional drawing



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

#### Material specifications

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

### Environmental and real-life conditions

Power dissipation single housing for 20 °C		
Ambient temperature	20 °C	
Reduction factor	1	
Mounting position	vertical	
Power dissipation	28.8 W	

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Ambient temperature	30 °C
Reduction factor	0.85
Mounting position	vertical
Power dissipation	24.6 W
ower dissipation single housing for 40 °C	
Ambient temperature	40 °C
Reduction factor	0.67
Mounting position	vertical
Power dissipation	19.4 W
ower dissipation single housing for 50 °C	
Ambient temperature	50 °C
Reduction factor	0.48
Mounting position	vertical
Power dissipation	14 W
ower dissipation single housing for 60 $^\circ C$	
Ambient temperature	60 °C
Reduction factor	0.3
Mounting position	vertical
Power dissipation	8.9 W
ibration 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
slow-wire test	
Specification	IEC 60695-2-11:2014-02
Temperature	850 °C
Time of exposure	30 s
hermal stability / ball thrust test	
Specification	IEC 60695-10-2:2014-02
Temperature	125 °C
Test duration	1 h
	20 N
Force	
Force lechanical strength / tumbling barrel Specification	IEC 60068-2-31:2008-05



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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.)
est for substances that would hinder coating with paint or v	varnish
Specification	VDMA 24364:2018-05
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 %
B data	
Number of PCB holders	3
Type of PCB mount	Latching
Total PCB surface	25500 mm <sup>2</sup>
Thickness of the PCB	1.4 mm 1.8 mm
unting	
Mounting type	DIN rail mounting
Mounting position	Vertical (horizontal DIN rail)
ckaging specifications	
Type of packaging	packed in cardboard
Outer packaging type	Carton



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# Classifications

#### ECLASS

	ECLASS-11.0	27182702
	ECLASS-13.0	27190601
ETIM		
	ETIM 9.0	EC001031
UNSPSC		
	UNSPSC 21.0	31261500

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# Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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