

# ME-IO 18,8-KIT-10U-48-TBUS-7035 - Housing set



1342355

<https://www.phoenixcontact.com/us/products/1342355>

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DIN rail housing, with front connection for DIN rail mounting, color: light gray (similar RAL 7035), width: 18.9 mm, height: 124 mm, depth: 76.5 mm, incl. 8 front connection terminal blocks, 6-pos., Push-in, for 1.5 mm<sup>2</sup>, nominal current: 8 A, 160 V, PCB surface: 6500 mm<sup>2</sup>

## 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
- Plug-in front connection technology

## Commercial data

Item number	1342355
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC15
Product key	ACHEBK
GTIN	4063151652333
Weight per piece (including packing)	100.9 g
Weight per piece (excluding packing)	100.9 g
Customs tariff number	85369010
Country of origin	DE

## Technical data

### Notes

Recommendation	Material of contact pads for bus connector, galvanic gold (hard gold)
Recommendation	Material of contact pads for bus connector, galvanic gold (hard gold)
General	The PCB surface specification is for orientation purposes and is based on a basic PCB. The housing can also accommodate several PCBs.

### Product properties

Product type	Stackable housing set
Housing type	DIN rail housing
Housing type	Multifunctional housings
Housing series	ME-IO
Product family	ME-IO 18,8
Number of positions	48
Max. number of positions	48 (pitch: 3.45 mm)
Ventilation openings present	yes

### Connection data

Connection method	Push-in spring connection
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### Dimensions

Width	18.9 mm
Height	124 mm
Depth	76.5 mm
Depth from top edge of DIN rail	70 mm

### PCB design

PCB thickness	1.4 mm ... 1.8 mm
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### Material specifications

Color (Housing)	light gray (RAL 7035)
Color (Actuating element)	orange (RAL 2003)
Material	PA
Flammability rating according to UL 94	V0

### Environmental and real-life conditions

#### 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

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Relative humidity (storage/transport)	max. 80 %
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## PCB data

Number of PCB holders	1
Type of PCB mount	Latching
Total PCB surface	6500 mm <sup>2</sup>
Thickness of the PCB	1.4 mm ... 1.8 mm

## Mounting

Mounting type	DIN rail mounting
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## Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

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## Classifications

### ECLASS

ECLASS-13.0	27190301
ECLASS-15.0	27190301

### ETIM

ETIM 9.0	EC001031
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)