

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



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 mm², nominal current: 8 A, 160 V, PCB surface: 6500 mm²

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

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Technical data

Notes

Recommendation	Material of contact pads for bus connector, galvanic gold (hard gold)
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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 ²
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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