ME MAX 90-KIT-U-U1-7035+4PSPT4 - Housing set

1342924

https://www.phoenixcontact.com/in/products/1342924

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DIN rail housing, for mounting on a DIN rail, color: light gray (similar RAL 7035), width: 90.4 mm, height: 99 mm, depth: 113.65 mm, incl. 4 PCB connectors, 4-pos., screw connection, for 2.5 mm^2, nominal current: 12 A, 320 V, PCB surface: 8300 mm^2

Commercial data

Item number	1342924
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	*****
Product key	ACHABK
GTIN	4063151656867
Weight per piece (including packing)	215.3 g
Weight per piece (excluding packing)	215.3 g
Customs tariff number	85369010
Country of origin	DE

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Set consists of

ME BUS FE CONTACT - Functional ground contact

2278076

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DIN rail housing, FE contact, width: 5 mm, height: 15.25 mm, depth: 9.5 mm

MSTBO 2,5/ 4-G1L KMGY - PCB header

2907774

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PCB headers, nominal cross section: 2.5 mm^2, color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBO 2,5/..-G1L, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Orthogonal, locking: without, type of packaging: packed in cardboard, Product with pin output on left side

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MSTBO 2,5/ 4-G1R KMGY - PCB header

2907787

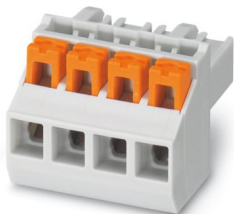https://www.phoenixcontact.com/in/products/2907787

PCB headers, nominal cross section: 2.5 mm^2, color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 4, product range: MSTBO 2,5/..-G1R, connection method: pluggable, mounting: Wave soldering, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Orthogonal, locking: without, Product with pin output on right side

PSPT 2,5/ 4-ST KMGY - PCB connector

2202344

https://www.phoenixcontact.com/in/products/2202344

PCB connector, nominal cross section: 2.5 mm^2, color: light gray, nominal current: 16 A, rated voltage (III/2): 300 V, contact surface: Sn, contact connection type: Socket, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: PSPT 2,5/..-ST, pitch: 5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, locking: without, mounting method: without, type of packaging: packed in cardboard, Color of the spring lever: orange

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Technical data

Notes

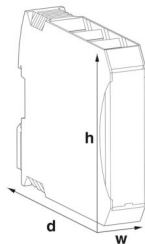|	
Assembly note	Please observe the assembly instructions available in the download area.
Recommendation	Material of contact pads for bus connector, galvanic gold (hard gold)
General	The PCB surface specification is for orientation purposes and is based on a basic PCB. The housing can also accommodate several PCBs.

Product properties

Product type	Stackable housing set
Housing type	DIN rail housing
Housing series	ME-MAX
Number of positions	16
Max. number of positions	16 (pitch: 5 mm)
Number of rows	1
Type	for mounting on a DIN rail
	incl. 4 PCB connectors, 4-pos., screw connection, for 2.5 mm², nominal current: 12 A, 320 V
Ventilation openings present	yes

Connection data

Connection method	Push-in spring connection

Dimensions

Dimensional drawing	
Width	90.4 mm
Height	99 mm
Depth	113.65 mm
Depth from top edge of DIN rail	107 mm

PCB design

PCB thickness	1.4 mm ... 1.8 mm

Material specifications

Color (Housing)	light gray (RAL 7035)

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Flammability rating according to UL 94	V0
Housing material	PA
Surface characteristics	untreated

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
Relative humidity (storage/transport)	80 % (maximum)

PCB data

Number of PCB holders	4
Type of PCB mount	Latching
Total PCB surface	8300 mm²
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	DIN rail mounting

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

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Drawings

Dimensional drawing
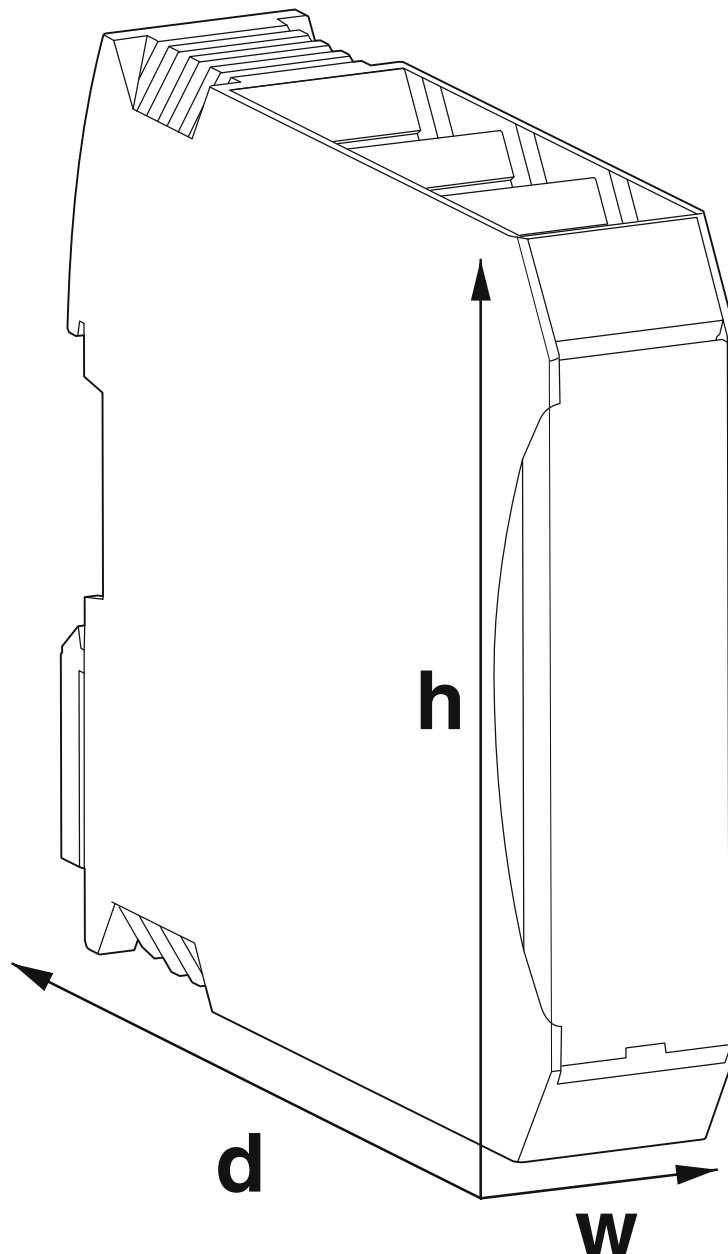
Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190301

ETIM

ETIM 9.0	EC001031

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-SAS - Shield connection clamp

2853899

https://www.phoenixcontact.com/in/products/2853899

Shield connection clamp for terminal points starting from 2.5 mm^2

ME MAX TBUS BS KMGY - Filler plug

2199650

https://www.phoenixcontact.com/in/products/2199650

DIN rail housing, Filler plugs for TBUS recess, width: 5.8 mm, height: 30 mm, depth: 6.6 mm, color: light gray (similar RAL 7035)

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