ME MAX 22,5-KIT-3-3-7035+6MSTBT4 - Housing set

1342903

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DIN rail housing, for mounting on a DIN rail, color: light gray (similar RAL 7035), width: 22.5 mm, height: 99 mm, depth: 113.65 mm, incl. 6 PCB connectors, 4-pos., screw connection, for 2.5 mm^2, nominal current: 12 A, 320 V, PCB surface: 6800 mm^2

Commercial data

Item number	1342903
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC08
Product key	ACHABK
GTIN	4063151656874
Weight per piece (including packing)	131 g
Weight per piece (excluding packing)	131 g
Customs tariff number	85369010
Country of origin	DE

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https://www.phoenixcontact.com/us/products/1342903

Set consists of

ME MAX 22,5 2-2 KMGY - Electronics housing

2713625

https://www.phoenixcontact.com/us/products/2713625

DIN rail housing, Complete housing with metal foot catch, tall design, with vents, width: 22.6 mm, height: 99 mm, depth: 113.65 mm, color: light gray (similar RAL 7035), cross connection: DIN rail bus connector (optional), number of positions cross connector: 5

ME BUS FE CONTACT - Functional ground contact

2278076

https://www.phoenixcontact.com/us/products/2278076

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

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

2907774

https://www.phoenixcontact.com/us/products/2907774

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

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

2907787

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

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MSTBT 2,5 HC/ 4-STP GY7035 - PCB connector

2200332

https://www.phoenixcontact.com/us/products/2200332

PCB connector, nominal cross section: 2.5 mm^2, color: light gray, nominal current: 16 A (see derating curve), rated voltage (III/2): 320 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: MSTBT 2,5 HC/..-STP, pitch: 5 mm, connection method: Screw connection with tension sleeve, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5 HC, locking: without, mounting method: without, type of packaging: packed in cardboard

ME MAX 22,5-KIT-3-3-7035+6MSTBT4 - Housing set

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Technical data

Notes

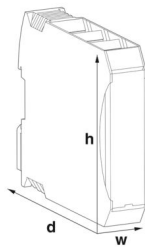|	
Assembly note	Please observe the assembly instructions available in the download area.
Recommendation	Material of contact pads for bus connector, galvanic gold (hard gold)
General	The PCB surface specification is for orientation purposes and is based on a basic PCB. The housing can also accommodate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

Product properties

Product type	Stackable housing set
Housing type	DIN rail housing
Housing series	ME-MAX
Product family	ME MAX 22,5..
Number of positions	24
Max. number of positions	24 (pitch: 5 mm)
Number of rows	3
Ventilation openings present	yes

Connection data

Connection method	Screw connection with tension sleeve

Dimensions

Dimensional drawing	
Width	22.5 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)
Material	PA
Flammability rating according to UL 94	V0

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	1
Type of PCB mount	Latching
Total PCB surface	6800 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
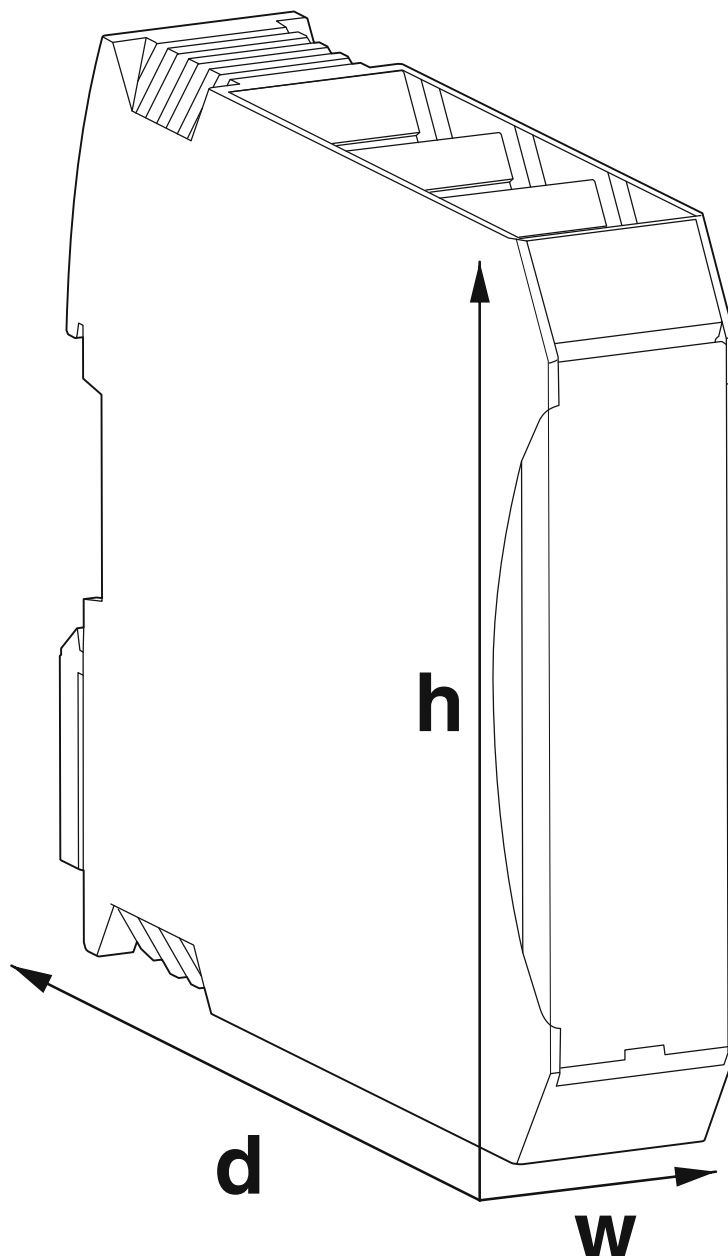
Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

Classifications

ECLASS

ECLASS-13.0	27190301
ECLASS-15.0	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%