

# ME MAX 22,5-KIT-SF G 2-2-7035+4MSTBT4 - Housing set



1342905

<https://www.phoenixcontact.com/us/products/1342905>

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DIN rail housing, for mounting on a DIN rail, color: light gray (similar RAL 7035), width: 22.5 mm, height: 85 mm, depth: 69.55 mm, incl. 4 PCB connectors, 4-pos., screw connection, for 2.5 mm<sup>2</sup>, nominal current: 12 A, 320 V, PCB surface: 2600 mm<sup>2</sup>

## Commercial data

Item number	1342905
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC08
Product key	ACHABK
GTIN	4063151657611
Weight per piece (including packing)	99.72 g
Weight per piece (excluding packing)	99.72 g
Customs tariff number	85369010
Country of origin	DE

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## Set consists of

### ME MAX 22,5 SF G 2-2 KMGY - Electronics housing

2869362

<https://www.phoenixcontact.com/us/products/2869362>



DIN rail housing, Complete housing with metal foot catch, ultra-flat design, without vents, width: 22.6 mm, height: 85 mm, depth: 69.55 mm, color: light gray (similar RAL 7035), cross connection: DIN rail bus connector (optional), number of positions cross connector: 5

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### 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<sup>2</sup>, 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, 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/us/products/2907787>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, 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, mounting: Wave soldering, number of solder pins per potential: 1, 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<sup>2</sup>, 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 advanced, locking: without, mounting method: without, type of packaging: packed in cardboard

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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.

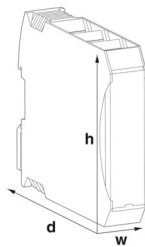
### Product properties

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	2
Ventilation openings present	yes
Anzahl der Etagen Housing (Makro)	2 (Both sides)

### Connection data

Connection method	Screw connection with tension sleeve
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### Dimensions

Dimensional drawing	
Width	22.5 mm
Height	85 mm
Depth	69.55 mm
Depth from top edge of DIN rail	62.9 mm

### PCB design

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

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

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Surface characteristics	untreated
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## 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	2600 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

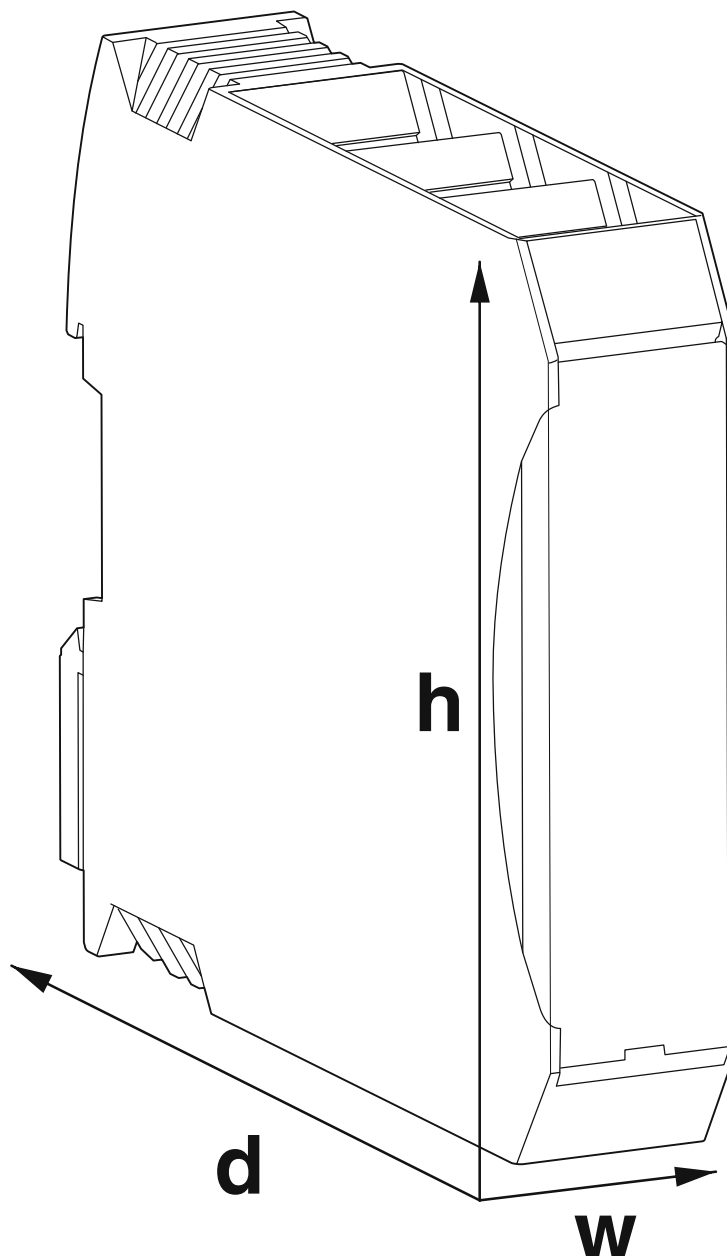
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## Drawings

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.

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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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### EF3.1 Climate Change

CO2e kg	0.486 kg CO2e
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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)