

ME MAX 17,5-KIT-2-2-7035+4MSTBT3 - Housing set



1342901

<https://www.phoenixcontact.com/us/products/1342901>

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DIN rail housing, for mounting on a DIN rail, color: light gray (similar RAL 7035), width: 17.6 mm, height: 99 mm, depth: 113.65 mm, incl. 4 PCB connectors, 3-pos., screw connection, for 2.5 mm², nominal current: 12 A, 320 V, PCB surface: 7500 mm²

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1342901 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AC08 |
| Product key | ACHABK |
| GTIN | 4063151656362 |
| Weight per piece (including packing) | 100.7 g |
| Weight per piece (excluding packing) | 72.352 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Set consists of

ME MAX 17,5 2-2 KMGY - Electronics housing

2713599

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DIN rail housing, Complete housing with metal foot catch, tall design, with vents, width: 17.6 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/ 3-G1L KMGY - PCB header

2853750

<https://www.phoenixcontact.com/us/products/2853750>



PCB headers, nominal cross section: 2.5 mm², color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, 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

MSTBO 2,5/ 3-G1R KMGY - PCB header

2853763

<https://www.phoenixcontact.com/us/products/2853763>



PCB headers, nominal cross section: 2.5 mm², color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: MSTBO 2,5/..-G1R, 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 right side

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MSTBT 2,5 HC/ 3-STP GY7035 - PCB connector

2200333

<https://www.phoenixcontact.com/us/products/2200333>



PCB connector, nominal cross section: 2.5 mm², 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: 3, number of rows: 1, number of positions: 3, number of connections: 3, 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. |

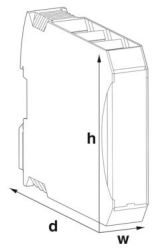
Product properties

| | |
|-----------------------------------|-----------------------|
| Product type | Stackable housing set |
| Housing type | DIN rail housing |
| Housing type | Modular housings |
| Housing series | ME-MAX |
| Number of positions | 12 |
| Max. number of positions | 12 (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 |
|-------------------|--------------------------------------|

Dimensions

| | |
|---------------------------------|---|
| Dimensional drawing |  |
| Width | 17.6 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 |

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

PCB data

| | |
|-----------------------|----------------------|
| Number of PCB holders | 1 |
| Type of PCB mount | Latching |
| Total PCB surface | 7500 mm ² |
| Thickness of the PCB | 1.4 mm ... 1.8 mm |

Mounting

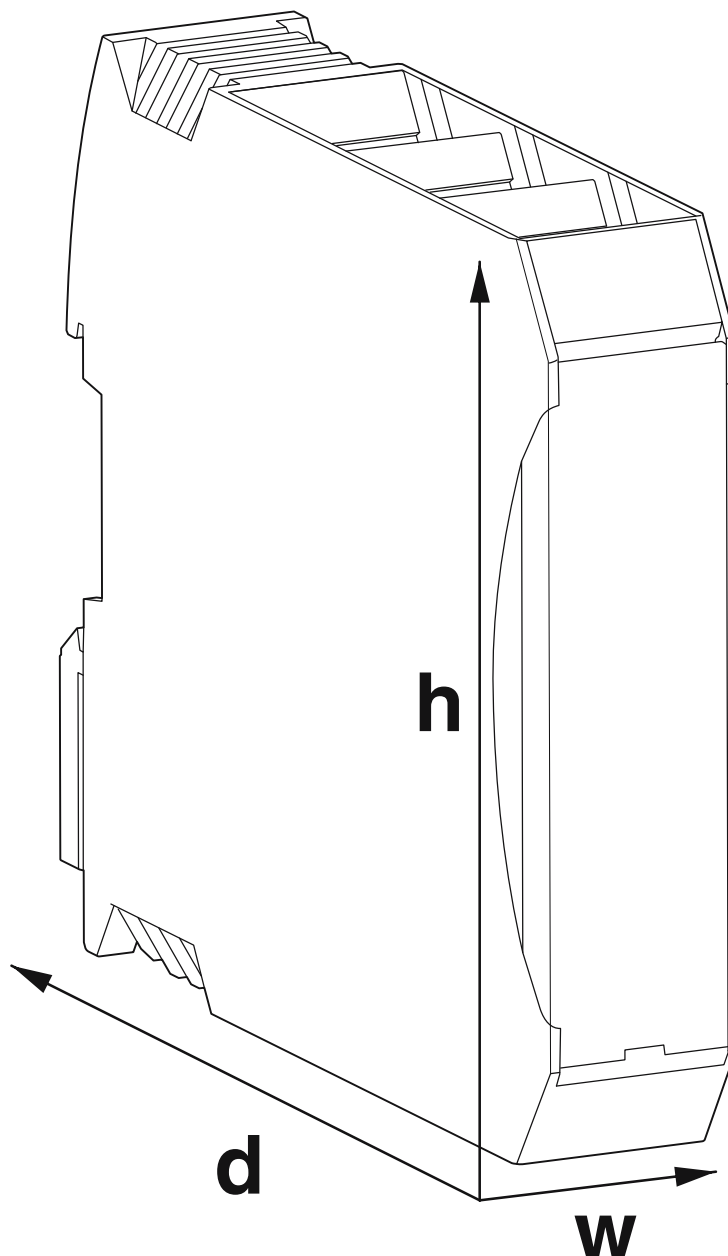
| | |
|---------------|-------------------|
| Mounting type | DIN rail mounting |
|---------------|-------------------|

Packaging specifications

| | |
|----------------------|---------------------|
| Type of packaging | packed in cardboard |
| Outer packaging type | Carton |

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 10.0 | EC001031 |
|-----------|----------|

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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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.546 kg CO2e |
|---------|---------------|

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