

# ME 17,5-KIT-MSTBO-7035+4MSTBT3 - Housing set



1343021

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DIN rail housing, for mounting on a DIN rail, closed upper housing part, 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 mm<sup>2</sup>, nominal current: 12 A, 320 V, PCB surface: 7800 mm<sup>2</sup>

## Commercial data

Item number	1343021
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	*****
Product key	ACHAAK
GTIN	4063151654061
Weight per piece (including packing)	94.6 g
Weight per piece (excluding packing)	94.6 g
Customs tariff number	85369010
Country of origin	DE

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## Set consists of

### ME 17,5 UT TBUS KMGY - Mounting base housing

2914783

<https://www.phoenixcontact.com/in/products/2914783>



DIN rail housing, Lower housing part with metal foot catch, tall design, with vents, width: 17.6 mm, height: 99 mm, depth: 107.3 mm, color: light gray (similar RAL 7035), cross connection: DIN rail connector (optional), number of positions cross connector: 5

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### ME 17,5 OT-MSTBO KMGY - Upper housing part

2853747

<https://www.phoenixcontact.com/in/products/2853747>



DIN rail housing, Upper housing part for connectors with header, width: 17.6 mm, height: 99 mm, depth: 45.85 mm, color: light gray (similar RAL 7035)

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## MSTBO 2,5/ 3-G1L KMGY - PCB header

2853750

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



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: 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, 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/ 3-G1R KMGY - PCB header

2853763

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



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: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: MSTBO 2,5/...-G1R, pitch: 5 mm, connection method: pluggable, 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 right side

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

2200333

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



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: 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 HC, locking: without, mounting method: without, type of packaging: packed in cardboard

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## ME BUS FE CONTACT - Functional ground contact

2278076

<https://www.phoenixcontact.com/in/products/2278076>



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

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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.

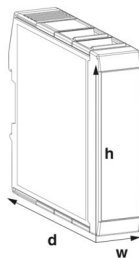
### Product properties

Product type	Stackable housing set
Housing type	DIN rail housing
Housing series	ME
Product family	ME 17,5..
Number of positions	12
Max. number of positions	12 (pitch: 5 mm)
Number of rows	2
Type	for mounting on a DIN rail, closed upper housing part incl. 4 PCB connectors, 3-pos., screw connection, for 2.5 mm <sup>2</sup> , nominal current: 12 A, 320 V
Ventilation openings present	yes

### Connection data

Connection method	Screw connection with tension sleeve
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### 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
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### Material specifications

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Color (Housing)	light gray (RAL 7035)
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)	max. 80 %

## PCB data

Number of PCB holders	1
Type of PCB mount	Latching
Total PCB surface	7800 mm <sup>2</sup>
Thickness of the PCB	1.4 mm ... 1.8 mm

## Mounting

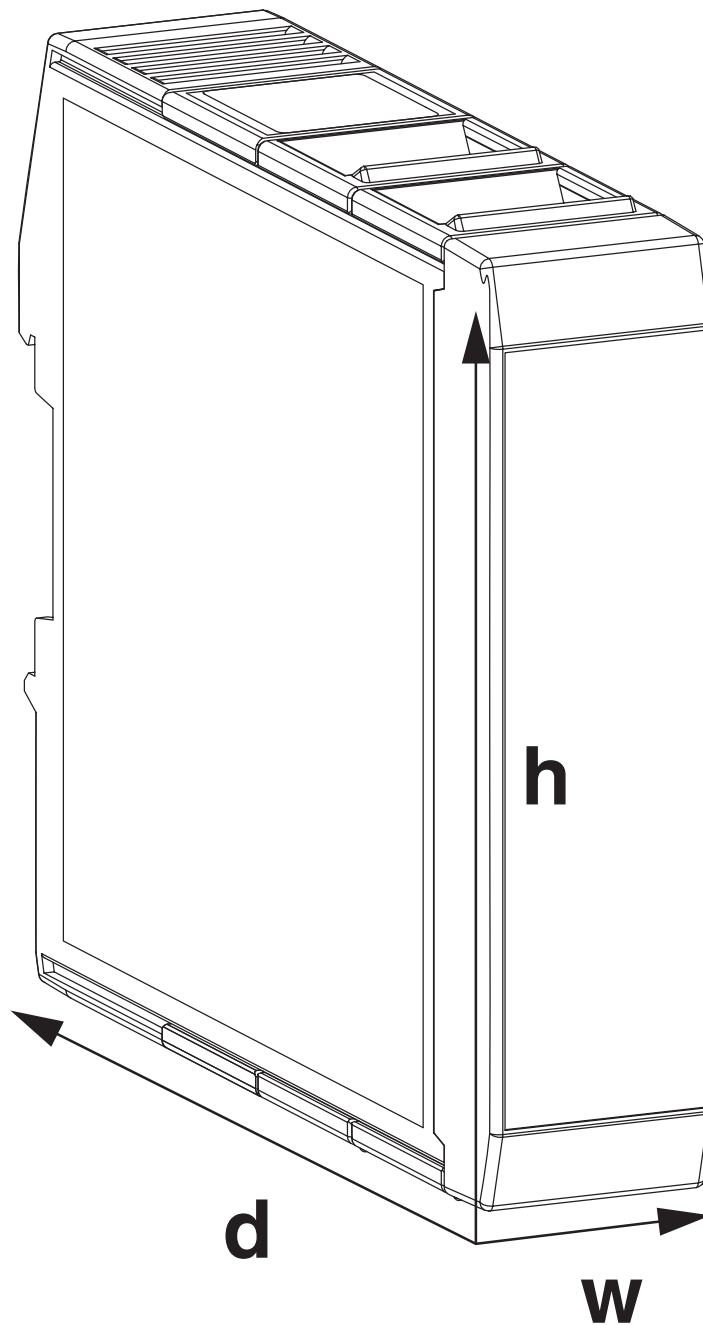
Mounting type	DIN rail mounting
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## Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

## 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-11.0	27182702
ECLASS-13.0	27190301

### ETIM

ETIM 9.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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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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