

2869647  
<https://www.phoenixcontact.com/us/products/2869647>

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DIN rail housing, Complete housing, tall design, with TBUS option, with spring-cage connection, width: 6.3 mm, height: 93.1 mm, depth: 101.2 mm, color: light gray (similar RAL 7035), cross connection: DIN rail bus connector (optional)

Your advantages

- Easy installation
- Available in overall widths from 6.2 mm ... 90 mm, modular extension possible
- Variety of connection technology
- Can be mounted on the DIN rail
- With DIN-rail-mountable bus connector and power connector system as an option
- Transparent front cover can be swiveled

Commercial data

Item number	2869647
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AC08
Product key	ACHABA
GTIN	4017918975142
Weight per piece (including packing)	37.62 g
Weight per piece (excluding packing)	37.62 g
Customs tariff number	85369010
Country of origin	DE

# ME MAX 6,2 SP-TBUS 4-4 KMGY - Electronics housing



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## Technical data

### Notes

Assembly note	Please observe the application note in the download area.
Recommendation	Material of contact pads for bus connector, galvanic gold (hard gold)

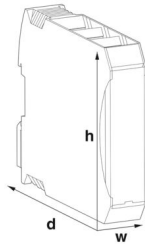
### Product properties

Product type	Complete housing
Housing type	DIN rail housing
Housing series	ME-MAX
Product family	ME MAX 6,2..
Max. number of positions	8 (pitch: 3.5 mm) )
Number of rows	4
Type	Complete housing, tall design, with TBUS option
Ventilation openings present	no
Pin layout	Linear pinning

### Connection data

Connection method	Spring-cage connection
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### Dimensions

Dimensional drawing	
Width	6.3 mm
Height	93.1 mm
Depth	101.2 mm
Depth from top edge of DIN rail	95 mm

### PCB design

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

Color (Housing)	light gray (RAL 7035)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Housing material	PBT

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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 ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Relative humidity (storage/transport)	95 %

## PCB data

Number of PCB holders	1
Type of PCB mount	Latching
Thickness of the PCB	1.4 mm ... 1.8 mm

## Mounting

Mounting type	DIN rail mounting
Pin layout	Linear pinning

## Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

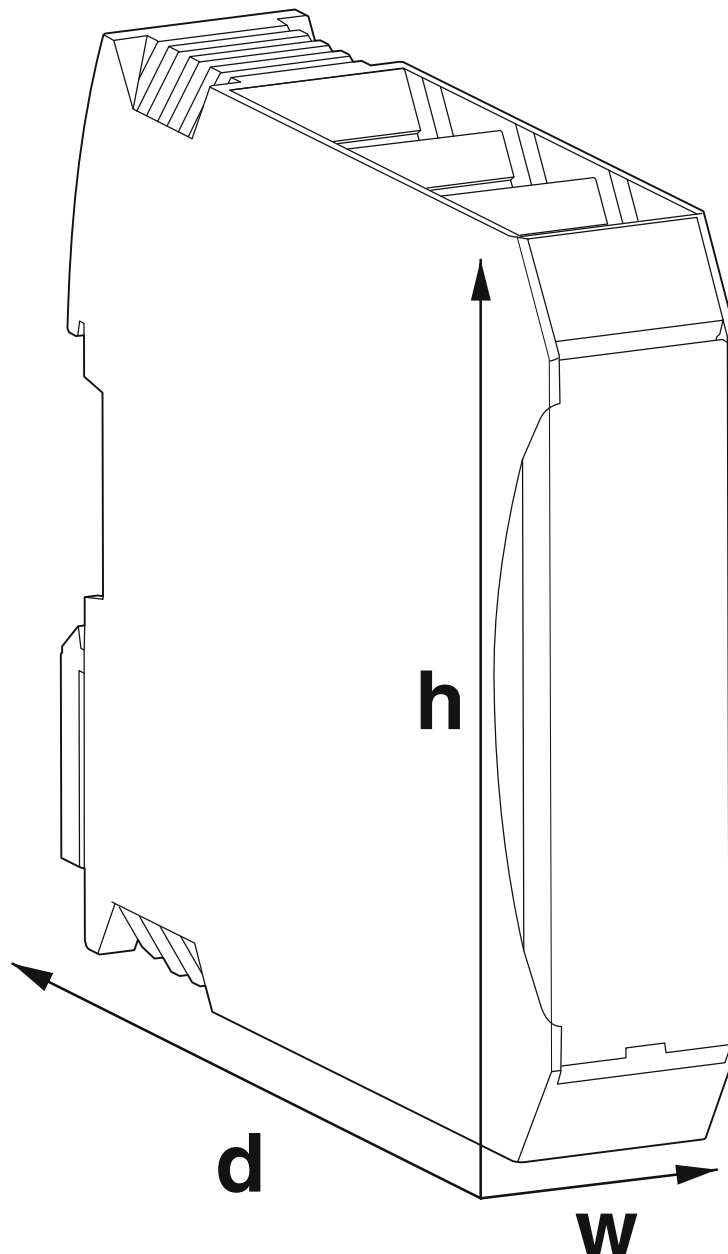
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## Drawings

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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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2869647>

cUL Recognized Approval ID: FILE E 60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Use group B				
	300 V	8 A	24 - 12	-
Use group D				
	300 V	8 A	24 - 12	-

UL Recognized Approval ID: FILE E 60425				
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Use group D				
	300 V	8 A	24 - 12	-

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## Classifications

### ECLASS

ECLASS-13.0	27190501
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### 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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