

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



2890234

<https://www.phoenixcontact.com/us/products/2890234>

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The figure shows a version with components mounted

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: black (similar RAL 9005), 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	2890234
Packing unit	10 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	ACHABA
GTIN	4046356074605
Weight per piece (including packing)	38.03 g
Weight per piece (excluding packing)	33.627 g
Country of origin	DE

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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)

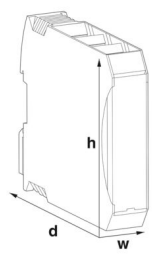
### Product properties

Product type	Complete housing
Housing type	DIN rail housing
Housing type	Modular housings
Housing series	ME-MAX
Product family	ME MAX 6,2..
Max. number of positions	8 (pitch: 3.5 mm)
Number of rows	4
Ventilation openings present	no
Anzahl der Etagen Housing (Makro)	4 (Both sides)
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)	black (RAL 9005)
Material	PBT
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600

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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

## 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/2890234>

 <b>cUL Recognized</b> Approval ID: FILE E 60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
B	300 V	8 A	24 - 12	-
D	300 V	8 A	24 - 12	-

 <b>UL Recognized</b> Approval ID: FILE E 60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
B	300 V	8 A	24 - 12	-
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## Classifications

### ECLASS

ECLASS-13.0	27190501
ECLASS-15.0	27190501

### ETIM

ETIM 10.0	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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)