

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



2869647

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

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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: 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

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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)

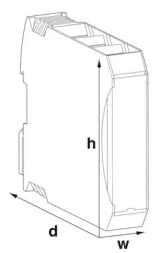
Product properties

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)	light gray (RAL 7035)
Material	PBT
Flammability rating according to UL 94	V0

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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

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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 mm^2
B				
	300 V	8 A	24 - 12	-
D				
	300 V	8 A	24 - 12	-

 UL Recognized Approval ID: FILE E 60425				
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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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