

# ME MAX 22,5 GEH-R U-U1 GNTQ - Housing half shell



2901644

<https://www.phoenixcontact.com/us/products/2901644>

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DIN rail housing, Housing half shell (right), tall design, with vents, width: 16.3 mm, height: 99 mm, depth: 112.85 mm, color: turquoise green (similar RAL 5018), cross connection: DIN rail bus connector (optional)

## Your advantages

- Easy installation
- Variety of connection technology

## Commercial data

Item number	2901644
Packing unit	10 pc
Minimum order quantity	30 pc
Note	Made to order (non-returnable)
Product key	ACHABZ
GTIN	4046356150354
Weight per piece (including packing)	28.58 g
Weight per piece (excluding packing)	25.558 g
Country of origin	DE

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## Technical data

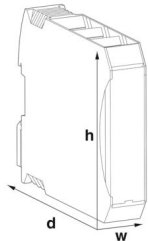
### Notes

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	Housing half shells
Housing type	DIN rail housing
Housing type	Modular housings
Housing series	ME-MAX
Product family	ME MAX 22,5..
Number of rows	1
Number (Connection openings)	1
Ventilation openings present	yes
Anzahl der Etagen Housing (Makro)	0 (Top) / 1 (Bottom)

### Dimensions

Dimensional drawing	
Width	16.3 mm
Height	99 mm
Depth	112.85 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

Color (Housing half-shell)	turquoise green (RAL 5018)
Material Housing half-shell	PA
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600

### Environmental and real-life conditions

#### Ambient conditions

Max. IP code to attain	IP20
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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 %

## PCB data

Type of PCB mount	Latching
Thickness of the PCB	1.4 mm ... 1.8 mm

## Mounting

Mounting type	Latching with housing half-shell or intermediate element
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## 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/2901644>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

ECLASS-13.0	27190602
ECLASS-15.0	27190602

### ETIM

ETIM 10.0	EC002779
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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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### EF3.1 Climate Change

CO2e kg	0.23 kg CO2e
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