

ME 22,5 OT-MSTBO GYWH - Upper housing part



2853912

<https://www.phoenixcontact.com/us/products/2853912>

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DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 99 mm, depth: 45.85 mm, color: gray white (similar RAL 9002)



Your advantages

- Can be mounted on the DIN rail
- With integrated or DIN-rail-mountable bus connector as an option

Commercial data

Item number	2853912
Packing unit	100 pc
Minimum order quantity	100 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ACHAAD
GTIN	4017918458324
Weight per piece (including packing)	12.67 g
Weight per piece (excluding packing)	10.332 g
Customs tariff number	85389099
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	Upper housing part
Housing type	DIN rail housing
Housing series	ME
Number of positions	48
	16
Max. number of positions	20 (pitch: 3.5 mm)
	16 (pitch: 5 mm)
	12 (pitch: 7.25 mm)
Number of rows	2
Ventilation openings present	no
Anzahl der Etagen Housing (Makro)	2 (Both sides)

Dimensions

Dimensional drawing	
Width	22.6 mm
Height	99 mm
Depth	45.85 mm
Depth from base support surface	38.5 mm
PCB design	
PCB thickness	1.4 mm ... 1.8 mm

Material specifications

Color	gray-white (9002)
Color	gray white (RAL 9002)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Housing material	PA

Environmental and real-life conditions

Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 Hz ... 58.1 Hz)
Acceleration	2g (58.1 Hz ... 150 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

Glow-wire test

Specification	IEC 60695-2-11:2014-02
Temperature	850 °C
Time of exposure	30 s

Thermal stability / ball thrust test

Specification	IEC 60695-10-2:2014-02
Temperature	125 °C
Test duration	1 h
Force	20 N

Mechanical strength / tumbling barrel

Specification	IEC 60998-1:2002-12
Height of fall	50 cm
Frequency	10

Shocks

Specification	IEC 60068-2-27:2008-02
Pulse shape	Half-sine
Acceleration	15g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
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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)	80 %

PCB data

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

Mounting

Mounting type	Latching with lower housing part
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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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Classifications

ECLASS

ECLASS-15.0

27190603

UNSPSC

UNSPSC 21.0

31261501

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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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