ME MAX 45 U-U1 KMGY VPE1 - Electronics housing

2201326

https://www.phoenixcontact.com/us/products/2201326

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

DIN rail housing, Complete housing with metal foot catch, 2x screens, 2x transparent covers, tall design, with vents, width: 45.2 mm, height: 99 mm, depth: 113.65 mm, color: light grey (similar RAL 7035), cross connection: DIN rail connector (optional), number of positions cross connector: 5

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	2201326
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ACHABA
GTIN	4046356767040
Weight per piece (including packing)	89.6 g
Weight per piece (excluding packing)	89.6 g
Country of origin	DE

Technical data

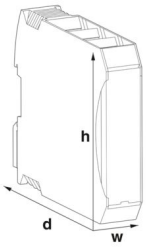
Notes

General	Refer to the data sheet for the range in the download area.
General	Material of contact pads for bus connector, galvanic gold (hard gold)

Product properties

Product type	Complete housing
Housing series	ME-MAX
Product family	ME MAX.. U-U1
Number of positions	6
	10
Max. number of positions	10 (pitch: 3.5 mm)
	8 (pitch: 5 mm)
	6 (pitch: 7.25 mm/7.5 mm)
Number of rows	1
Type	Complete housing with metal foot catch, 2x screens, 2x transparent covers, tall design
Housing type	DIN rail housing
Ventilation openings present	yes

Dimensions

Dimensional drawing	
Width	45.2 mm
Height	99 mm
Depth	113.65 mm
Depth from top edge of DIN rail	107 mm

PCB design

PCB thickness	1.4 mm ... 1.8 mm

Material specifications

Color (Housing)	light grey (RAL 7035)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Surface characteristics	untreated

Housing material	Polyamide

Environmental and real-life conditions

Power dissipation single housing for 20 °C

Ambient temperature	20 °C
Reduction factor	1
Mounting position	vertical
Power dissipation	8.2 W

Power dissipation single housing for 30 °C

Ambient temperature	30 °C
Reduction factor	0.91
Mounting position	vertical
Power dissipation	7.45 W

Power dissipation single housing for 40 °C

Ambient temperature	40 °C
Reduction factor	0.81
Mounting position	vertical
Power dissipation	6.65 W

Power dissipation single housing for 50 °C

Ambient temperature	50 °C
Reduction factor	0.7
Mounting position	vertical
Power dissipation	5.75 W

Power dissipation single housing for 60 °C

Ambient temperature	60 °C
Reduction factor	0.57
Mounting position	vertical
Power dissipation	4.65 W

Power dissipation single housing for 70 °C

Ambient temperature	70 °C
Reduction factor	0.49
Mounting position	vertical
Power dissipation	4 W

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

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

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

Number of PCB holders	2
Type of PCB mount	Latching
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	DIN rail mounting
Mounting position	Vertical (horizontal DIN rail)

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190101

ETIM

ETIM 9.0	EC001031

UNSPSC

UNSPSC 21.0	31261500

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact 2024 © - all rights reserved
https://www.phoenixcontact.com

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