ME 22,5 F-UT/FE KMGY - Mounting base housing

2202693

https://www.phoenixcontact.com/us/products/2202693

PHŒNIX CONTACT

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DIN rail housing, Lower housing part with metal foot catch and FE contact, flat design, with vents, width: 22.6 mm, height: 99 mm, depth: 84.8 mm, color: light grey (7035), cross connection: without bus connector, number of positions cross connector: not relevant

Your advantages

- Tool-free mounting
- Available in overall widths from 12.5 mm to 90 mm, modular extension possible
- Flammability rating V0 in accordance with UL 94
- Variety of connection technology
- Can be mounted on the DIN rail
- With integrated or DIN-rail-mountable bus connector as an option

Commercial data

Item number	2202693
Packing unit	1 pc
Minimum order quantity	10 pc
Sales key	AC08
Product key	ACHAAA
GTIN	4055626170251
Weight per piece (including packing)	37.594 g
Weight per piece (excluding packing)	32.66 g
Customs tariff number	85389099
Country of origin	DE

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Technical data

Notes

General	Refer to the data sheet for the range in the download area.

Product properties

Type	Lower housing parts with vents, housing cover necessary to complete the module
Product type	Enclosure bottom part
Product family	ME...UT/FE
Type	Lower housing part with metal foot catch and FE contact, flat design
Housing type	DIN rail housing
Ventilation openings present	yes
Housing series	ME

Dimensions
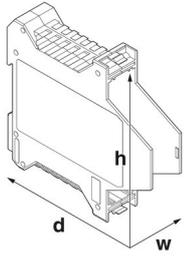
Dimensional drawing	
Width	22.6 mm
Height	99 mm
Depth	84.8 mm
Depth from top edge of DIN rail	78.2 mm
Depth from top edge of DIN rail to support point on upper part	46 mm

PCB design	
PCB thickness	1.4 mm ... 1.8 mm

Material specifications

Color	light grey (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	5.9 W

Power dissipation single housing for 30 °C

Ambient temperature	30 °C
Reduction factor	0.91
Mounting position	vertical
Power dissipation	5.4 W

Power dissipation single housing for 40 °C

Ambient temperature	40 °C
Reduction factor	0.81
Mounting position	vertical
Power dissipation	4.8 W

Power dissipation single housing for 50 °C

Ambient temperature	50 °C
Reduction factor	0.7
Mounting position	vertical
Power dissipation	4.1 W

Power dissipation single housing for 60 °C

Ambient temperature	60 °C
Reduction factor	0.57
Mounting position	vertical
Power dissipation	3.35 W

Power dissipation single housing for 70 °C

Ambient temperature	70 °C
Reduction factor	0.49
Mounting position	vertical
Power dissipation	2.9 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

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

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	1
Type of PCB mount	Insertion (optional latching by PCB stop)
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

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Drawings

Dimensional drawing
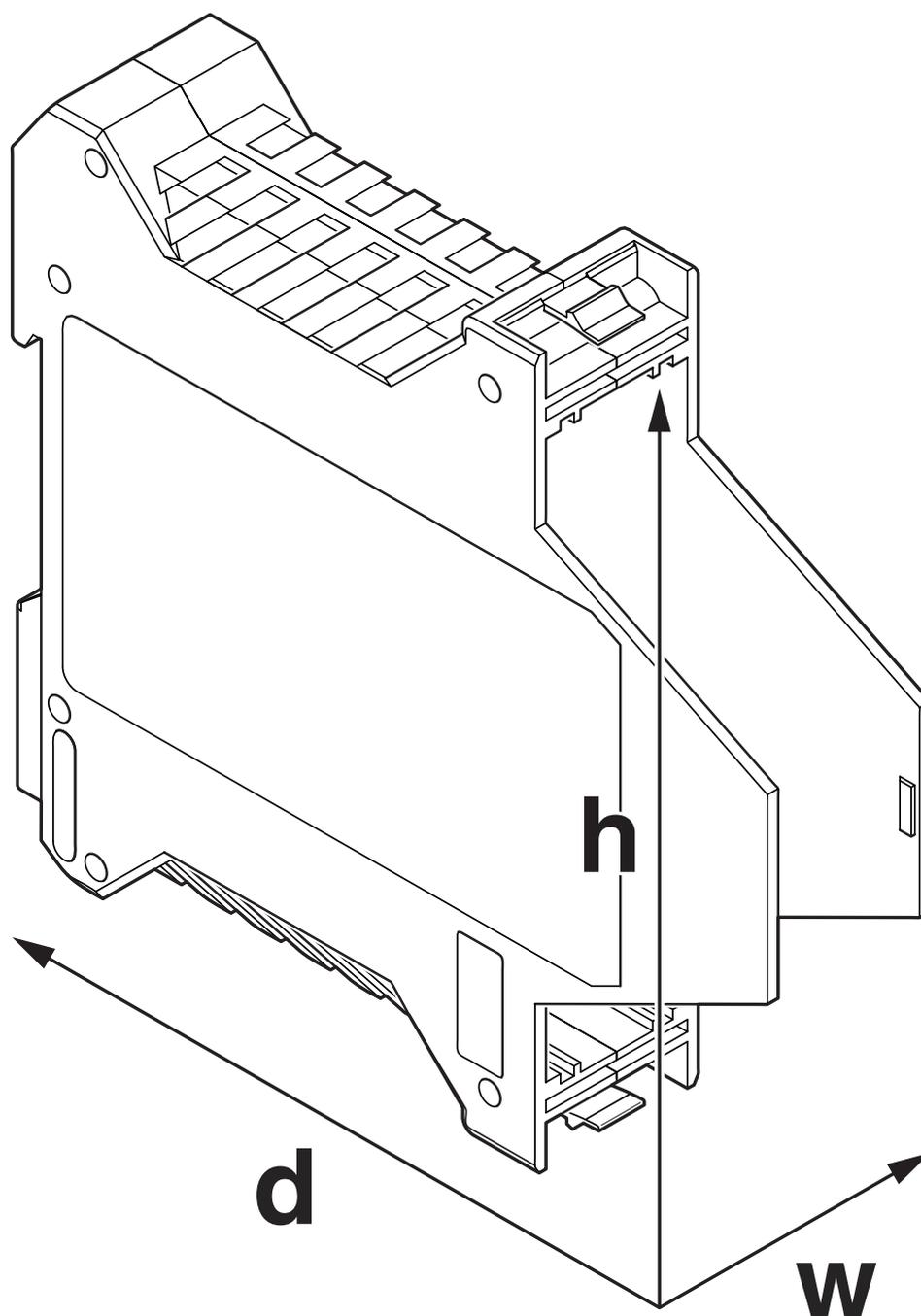
Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2202693

UL Recognized
Approval ID: FILE E 240868

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Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190601

ETIM

ETIM 8.0	EC001031

UNSPSC

UNSPSC 21.0	31261500

Environmental product compliance

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

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Mandatory accessories

ME 22,5 OT-MSTBO KMGY - Upper part of housing

2907761

https://www.phoenixcontact.com/us/products/2907761

DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 99 mm, depth: 45.85 mm, color: light grey (7035)

ME 22,5 OT-FKDSO KMGY - Upper part of housing

2200323

https://www.phoenixcontact.com/us/products/2200323

DIN rail housing, Upper housing part for PCB terminal blocks with Push-in spring connection, width: 22.6 mm, height: 99 mm, depth: 45.85 mm, color: light grey (7035)

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ME 22,5 OT-MKDSO KMGY - Upper part of housing

2908469

https://www.phoenixcontact.com/us/products/2908469

DIN rail housing, Upper housing part for PCB terminal blocks with screw connection, width: 22.6 mm, height: 99 mm, depth: 45.85 mm, color: light grey (7035)

ME 22,5 OTU-MKDSO KMGY - Upper part of housing

2278953

https://www.phoenixcontact.com/us/products/2278953

DIN rail housing, Upper housing part for PCB terminal blocks with screw connection, width: 22.6 mm, height: 99 mm, depth: 45.85 mm, color: light grey (7035)

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ME 22,5 OT-1MSTBO KMGY - Upper part of housing

2914877

https://www.phoenixcontact.com/us/products/2914877

DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 99 mm, depth: 45.85 mm, color: light grey (7035)

ME 22,5 OT-3MSTBO KMGY - Upper part of housing

2914880

https://www.phoenixcontact.com/us/products/2914880

DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 102 mm, depth: 60.15 mm, color: light grey (7035)

ME 22,5 F-UT/FE KMGY - Mounting base housing

2202693

https://www.phoenixcontact.com/us/products/2202693

ME 22,5 OTP-MSTBO PS KMGY - Upper part of housing

2279282

https://www.phoenixcontact.com/us/products/2279282

DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 99 mm, depth: 45.85 mm, color: light grey (7035)

ME 22,5 OT-MKDSO SET KMGY - Upper part of housing

2853734

https://www.phoenixcontact.com/us/products/2853734

DIN rail housing, Set comprised of upper housing part and 4 PCB terminal blocks (4-pos.) with screw connection, width: 22.6 mm, height: 99 mm, depth: 45.85 mm, color: light grey (7035)

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ME 22,5 OT-MSTBO KMGY VPE200 - Upper part of housing

2896801

https://www.phoenixcontact.com/us/products/2896801

DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 99 mm, depth: 45.85 mm, color: light grey (7035)

ME 22,5 OT-MSTBO SET KMGY - Upper part of housing

2709244

https://www.phoenixcontact.com/us/products/2709244

DIN rail housing, Set comprised of upper housing part, 4 PCB headers (4-pos.), and 4 PCB terminal blocks with screw connection (4-pos.), width: 22.6 mm, height: 99 mm, depth: 45.85 mm, color: light grey (7035)

Accessories

ME 22,5 F-UT/FE KMGY - Mounting base housing

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ME LPZS - PCB stop

2906911

https://www.phoenixcontact.com/us/products/2906911

DIN rail housing, after approx. 4 cm, the ME LPZS PCB pull-out stop prevents the PCB from being removed completely and locks the PCB in place

ME-SAS - Shield connection clamp

2853899

https://www.phoenixcontact.com/us/products/2853899

Shield connection clamp for terminal points starting from 2.5 mm^2

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EML (44X53)R-ME - Label for ME ... F-UT ... housing

0828156

https://www.phoenixcontact.com/us/products/0828156

Label for ME ... F-UT ... housing, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: adhesive, lettering field size: 44 x 53 mm, Number of individual labels: 200