

2697217

<https://www.phoenixcontact.com/us/products/2697217>

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DIN rail housing, Lower housing part with metal foot catch, tall design, with vents, width: 17.6 mm, height: 99 mm, depth: 107.3 mm, cross connection: integrated bus connector, number of positions cross connector: 5, Bus connector: 5 parallel contacts

Your advantages

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

Commercial data

Item number	2697217
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ACHAAB
GTIN	4017918981938
Weight per piece (including packing)	45.79 g
Weight per piece (excluding packing)	29.998 g
Country of origin	DE

ME 17,5 UT BUS/5 BK - Mounting base housing



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Technical data

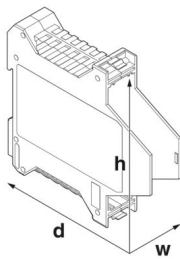
Notes

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

Product properties

Housing type	DIN rail housing
Housing series	ME
Type	Lower housing parts with vents, housing cover necessary to complete the module
Type	Lower housing part with metal foot catch, tall design
Ventilation openings present	yes

Dimensions

Dimensional drawing	
Width	17.6 mm
Height	99 mm
Depth	107.3 mm
Depth from top edge of DIN rail	100.7 mm
Depth from top edge of DIN rail to support point on upper part	68.5 mm
Dimensions	17.6 mm (Without integrated bus connector)
PCB design	
PCB thickness	1.4 mm ... 1.8 mm

Material specifications

Color	black (9005)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Housing material	Polyamide
Surface characteristics	untreated

Environmental and real-life conditions

Power dissipation single housing for 20 °C

Ambient temperature	20 °C
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Reduction factor	1
Mounting position	vertical
Power dissipation	5.2 W

Power dissipation single housing for 30 °C

Ambient temperature	30 °C
Reduction factor	0.91
Mounting position	vertical
Power dissipation	4.7 W

Power dissipation single housing for 40 °C

Ambient temperature	40 °C
Reduction factor	0.81
Mounting position	vertical
Power dissipation	4.2 W

Power dissipation single housing for 50 °C

Ambient temperature	50 °C
Reduction factor	0.7
Mounting position	vertical
Power dissipation	3.6 W

Power dissipation single housing for 60 °C

Ambient temperature	60 °C
Reduction factor	0.57
Mounting position	vertical
Power dissipation	3 W

Power dissipation single housing for 70 °C

Ambient temperature	70 °C
Reduction factor	0.49
Mounting position	vertical
Power dissipation	2.5 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

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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

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

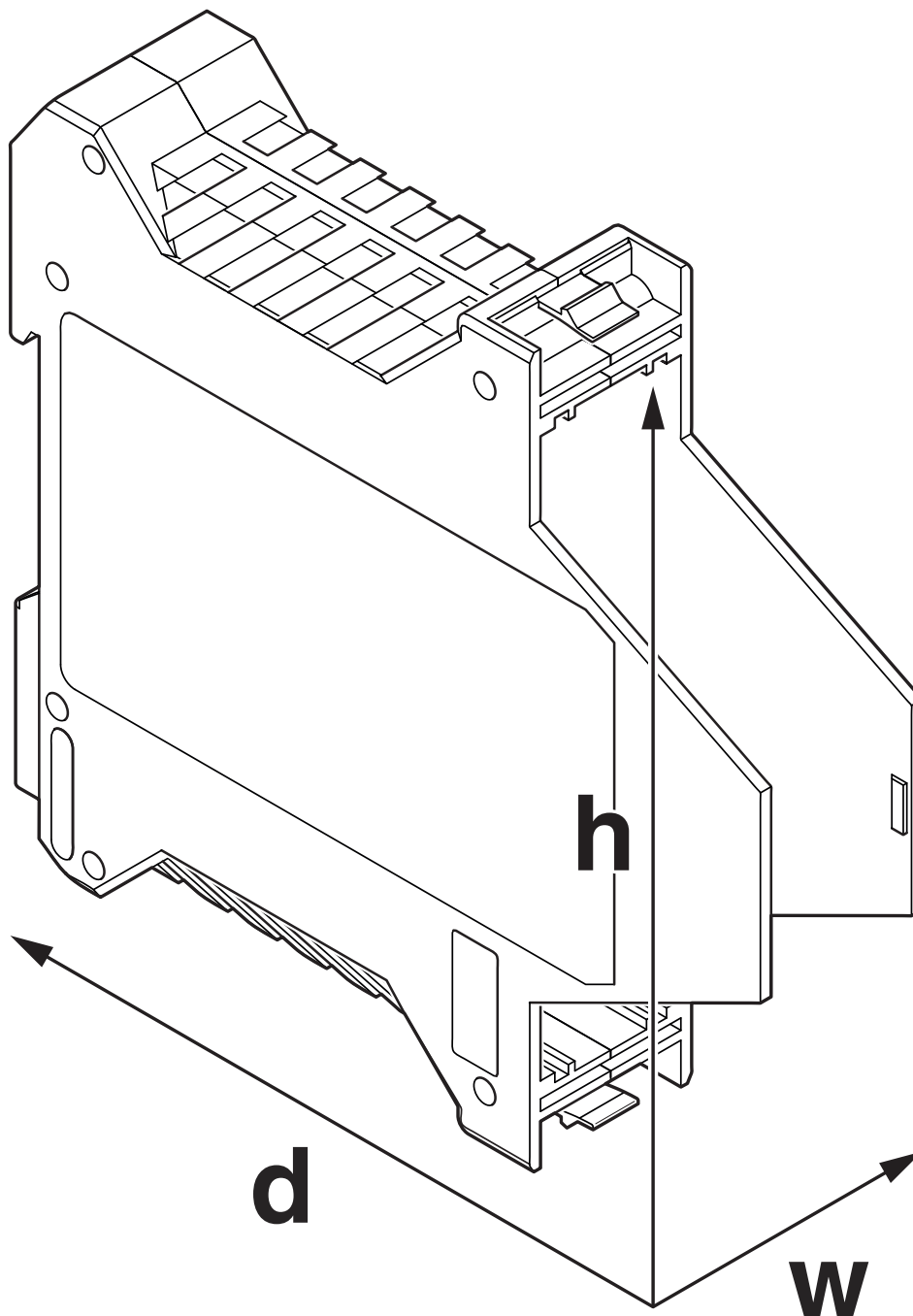
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Drawings

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.

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Classifications

ECLASS

ECLASS-11.0	27182702
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UNSPSC

UNSPSC 21.0	31261501
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Environmental product compliance

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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Accessories

CR-MSTB - Coding section

1734401

<https://www.phoenixcontact.com/us/products/1734401>

Coding section, inserted into the recess in the header or the inverted plug, red insulating material



CP-MSTB - Coding profile

1734634

<https://www.phoenixcontact.com/us/products/1734634>

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



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ME B-SA/NS 35 BK - Cover

2713052

<https://www.phoenixcontact.com/us/products/2713052>

Terminal cover, 1 strip covers up to 12 terminal points, for ME-BUS male side, (female side)



ME B-17,5 MKDSO BK - Filler plug

2853019

<https://www.phoenixcontact.com/us/products/2853019>

DIN rail housing, Filler plug for unoccupied terminal points (MKDSO), width: 16 mm, height: 17.05 mm, depth: 8.55 mm, color: black (similar RAL 9005)



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ME-SAS - Shield connection clamp

2853899

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

Shield connection clamp for terminal points starting from 2.5 mm²



ME B-KA BK - Cover

2869320

<https://www.phoenixcontact.com/us/products/2869320>

Terminal cover, 1 strip covers up to 12 terminal points, for ME-BUS terminal opening, (male side)



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ME DH27 NS 35 - Spacer

2908760

<https://www.phoenixcontact.com/us/products/2908760>

Spacer, for protecting the input and output contacts for NS 35 DIN rails



ME B-17,5 MSTBO BK - Filler plug

2909620

<https://www.phoenixcontact.com/us/products/2909620>

DIN rail housing, Filler plug for unoccupied terminal points (MSTBO), width: 15 mm, height: 19.05 mm, depth: 12.3 mm, color: black (similar RAL 9005)



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ME DH36 NS 35 - Spacer

2909895

<https://www.phoenixcontact.com/us/products/2909895>

Spacers, for protection of the input or output contacts for DIN rail NS 35, width [B] 36 mm



EML (44X64)R-ME - Label for ME ... UT ... BUS ... housing

0828266

<https://www.phoenixcontact.com/us/products/0828266>



Label for ME ... UT ... BUS ... 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 64 mm, Number of individual labels: 200

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