

2908728

<https://www.phoenixcontact.com/us/products/2908728>

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DIN rail housing, Lower housing part with metal foot catch, with FE contact, 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

- Tool-free mounting
- Available in overall widths from 12.5 mm ... 90 mm, modular extension is 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	2908728
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC08
Product key	ACHAAB
Catalog page	Page 662 (C-1-2013)
GTIN	4017918160661
Weight per piece (including packing)	45.13 g
Weight per piece (excluding packing)	35.608 g
Customs tariff number	85369010
Country of origin	DE

ME 17,5 UT/FE BUS/ 5 GN - Mounting base housing



2908728

<https://www.phoenixcontact.com/us/products/2908728>

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)

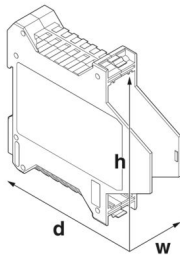
Product properties

Product type	Enclosure bottom part
Housing type	DIN rail housing
Housing series	ME
Product family	ME 17,5..
Type	Lower housing parts with vents, housing cover necessary to complete the module
Type	Lower housing part with metal foot catch, with FE contact, tall design
Ventilation openings present	yes

Electrical properties

Nominal current I_N	8 A (parallel contacts)
Rated voltage (III/3)	63 V
Rated surge voltage (III/3)	1.5 kV
Rated voltage (III/2)	150 V
Rated surge voltage (III/2)	2.5 kV
Rated voltage (II/2)	300 V
Rated surge voltage (II/2)	2.5 kV

Dimensions

Dimensional drawing	
Width [w]	17.6 mm
Height [h]	99 mm

PCB design

PCB thickness	1.4 mm ... 1.8 mm
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Material specifications

Material data - contact

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2908728

<https://www.phoenixcontact.com/us/products/2908728>

Contact material	Cu alloy
Surface characteristics	gold-plated

Material data - housing

Color (Housing)	green (6021)
Insulating material	PA
Insulating material group	I
CTI according to IEC 60112	600
Flammability rating according to UL 94	V0

Connector

Connection 1

Insulating material	PA
CTI according to IEC 60112	600

Electrical tests

Air clearances and creepage distances |

Specification	IEC 60664-1:2007-04
Insulating material group	I
Rated insulation voltage (III/3)	63 V
Rated surge voltage (III/3)	1.5 kV
minimum clearance value - non-homogenous field (III/3)	0.8 mm
minimum creepage distance (III/3)	1.6 mm
Rated insulation voltage (III/2)	150 V
Rated surge voltage (III/2)	2.5 kV
minimum clearance value - non-homogenous field (III/2)	1.5 mm
minimum creepage distance (III/2)	0.8 mm
Rated insulation voltage (II/2)	300 V
Rated surge voltage (II/2)	2.5 kV
minimum clearance value - non-homogenous field (II/2)	1.5 mm
minimum creepage distance (II/2)	1.5 mm

Environmental and real-life conditions

Ambient conditions

Max. IP code to attain	IP20
Ambient temperature (operation)	-40 °C ... 105 °C (dependent on the derating curve)
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Relative humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 100 °C
Relative humidity (storage/transport)	80 %

PCB data

Number of PCB holders	1
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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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2908728

<https://www.phoenixcontact.com/us/products/2908728>



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/2908728>

<div> cUL Recognized Approval ID: FILE E 60425</div>				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
Use group B	300 V	8 A	-	-
Use group D	300 V	8 A	-	-

<div> UL Recognized Approval ID: FILE E 60425</div>				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
Use group B	300 V	8 A	-	-
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<div>cULus Recognized</div>				
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Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190601

ETIM

ETIM 9.0	EC001031
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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
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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Mandatory accessories

ME 17,5 OT-MSTBO GN - Upper housing part

2906827

<https://www.phoenixcontact.com/us/products/2906827>

DIN rail housing, Upper housing part for connectors with header, width: 17.6 mm, height: 99 mm, depth: 45.85 mm, color: green (similar RAL 6021)



ME 17,5 OT-MKDSO GN - Upper housing part

2906843

<https://www.phoenixcontact.com/us/products/2906843>

DIN rail housing, Upper housing part for PCB terminal blocks with screw connection, width: 17.6 mm, height: 99 mm, depth: 45.85 mm, color: green (similar RAL 6021)



Accessories

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ME B-KA - Cover

2854173

<https://www.phoenixcontact.com/us/products/2854173>



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

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

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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



ME B-SA/NS 35 - Cover

2935959

<https://www.phoenixcontact.com/us/products/2935959>

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



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MC 1,5/ 5-ST-3,81 AU - PCB connector

1860883

<https://www.phoenixcontact.com/us/products/1860883>



PCB connector, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Gold, contact connection type: Socket, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: MC 1,5/...-ST, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, pin layout: Linear three-way pinning, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

MCVR 1,5/ 5-ST-3,81 AU - PCB connector

1893203

<https://www.phoenixcontact.com/us/products/1893203>



PCB connector, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Gold, contact connection type: Socket, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: MCVR 1,5/...-ST, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 90 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

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IMC 1,5/ 2-ST-3,81 AU - PCB connectors

1943263

<https://www.phoenixcontact.com/us/products/1943263>



PCB connector, nominal cross section: 1.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Gold, contact connection type: Pin, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: IMC 1,5/...-ST, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

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

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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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