

2908731

<https://www.phoenixcontact.com/us/products/2908731>

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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: 10, Bus connector: 10 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	2908731
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AC08
Product key	ACHAAB
Catalog page	Page 662 (C-1-2013)
GTIN	4017918160654
Weight per piece (including packing)	47.96 g
Weight per piece (excluding packing)	47.96 g
Customs tariff number	85369010
Country of origin	DE

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)

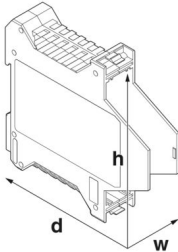
Product properties

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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# ME 17,5 UT/FE BUS/10 GN - Mounting base housing



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<https://www.phoenixcontact.com/us/products/2908731>

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

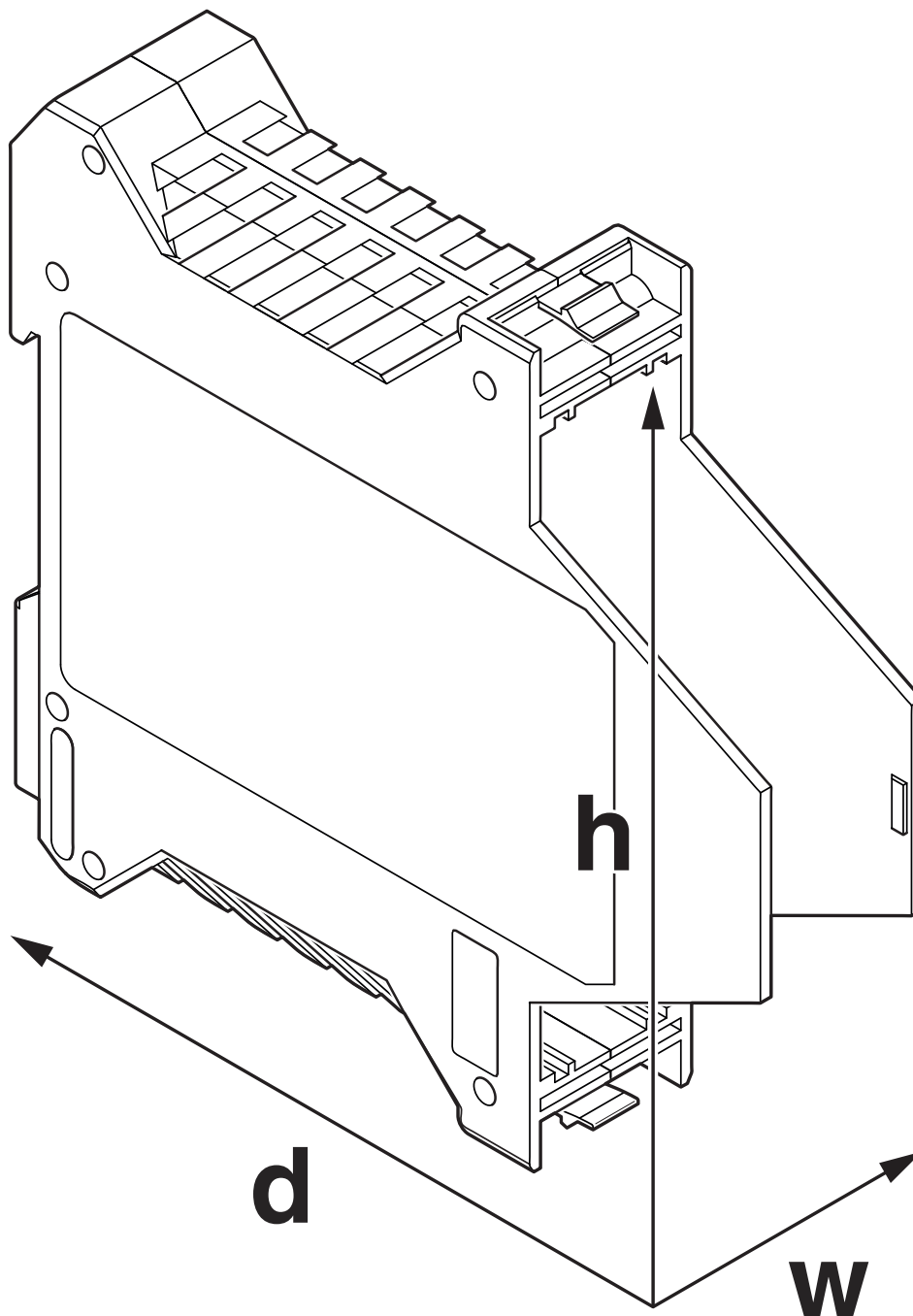
Mounting type	DIN rail mounting
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## Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

## 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/2908731>

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

<div> <b>UL Recognized</b> Approval ID: FILE E 60425</div>				
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<b>cULus Recognized</b>				
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## Classifications

### ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190601

### ETIM

ETIM 9.0	EC002779
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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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