

2713515

<https://www.phoenixcontact.com/us/products/2713515>

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The figure shows a version of the product

DIN rail housing, Complete housing with metal foot catch, tall design, without vents, width: 17.6 mm, height: 99 mm, depth: 113.65 mm, color: light gray (similar RAL 7035), cross connection: DIN rail bus 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 | 2713515 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Note | Made to order (non-returnable) |
| Sales key | AC08 |
| Product key | ACHABA |
| GTIN | 4017918936105 |
| Weight per piece (including packing) | 63.18 g |
| Weight per piece (excluding packing) | 46.484 g |
| Customs tariff number | 85389099 |
| Country of origin | DE |

2713515

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Technical data

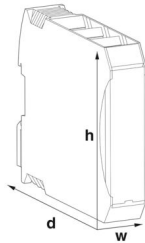
Notes

| | |
|----------------|---|
| Assembly note | Please observe the application note in the download area. |
| Recommendation | Material of contact pads for bus connector, galvanic gold (hard gold) |

Product properties

| | |
|-----------------------------------|---|
| Product type | Complete housing |
| Housing type | DIN rail housing |
| Housing series | ME-MAX |
| Product family | ME MAX 17,5.. |
| Number of positions | 2 4 |
| Max. number of positions | 4 (pitch: 3.5 mm) 3 (pitch: 5 mm) 2 (pitch: 7.25 mm/7.5 mm) |
| Number of rows | 1 |
| Number (Connection openings) | 1 |
| Ventilation openings present | no |
| Anzahl der Etagen Housing (Makro) | 0 (Top) / 1 (Bottom) |

Dimensions

| | |
|---------------------------------|---|
| Dimensional drawing |  |
| Width | 17.6 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 gray (RAL 7035) |
| Flammability rating according to UL 94 | V0 |
| CTI according to IEC 60112 | 600 |
| Housing material | PA |

2713515

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| | |
|-------------------------|-----------|
| Surface characteristics | untreated |
|-------------------------|-----------|

Environmental and real-life conditions

Power dissipation single housing for 20 °C

| | |
|---------------------|----------|
| Ambient temperature | 20 °C |
| Reduction factor | 1 |
| Mounting position | vertical |
| Power dissipation | 4.9 W |

Power dissipation single housing for 30 °C

| | |
|---------------------|----------|
| Ambient temperature | 30 °C |
| Reduction factor | 0.91 |
| Mounting position | vertical |
| Power dissipation | 4.45 W |

Power dissipation single housing for 40 °C

| | |
|---------------------|----------|
| Ambient temperature | 40 °C |
| Reduction factor | 0.81 |
| Mounting position | vertical |
| Power dissipation | 4 W |

Power dissipation single housing for 50 °C

| | |
|---------------------|----------|
| Ambient temperature | 50 °C |
| Reduction factor | 0.7 |
| Mounting position | vertical |
| Power dissipation | 3.4 W |

Power dissipation single housing for 60 °C

| | |
|---------------------|----------|
| Ambient temperature | 60 °C |
| Reduction factor | 0.57 |
| Mounting position | vertical |
| Power dissipation | 2.8 W |

Power dissipation single housing for 70 °C

| | |
|---------------------|----------|
| Ambient temperature | 70 °C |
| Reduction factor | 0.49 |
| Mounting position | vertical |
| Power dissipation | 2.4 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 |

2713515

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| | |
|-----------------|-------------------|
| 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 | 1 |
| Type of PCB mount | Latching |
| Thickness of the PCB | 1.4 mm ... 1.8 mm |

Mounting

| | |
|---------------|-------------------|
| Mounting type | DIN rail mounting |
|---------------|-------------------|

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.

2713515

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Classifications

ECLASS

ECLASS-13.0

27190101

ETIM

ETIM 9.0

EC001031

UNSPSC

UNSPSC 21.0

31261500

2713515

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