# ICS50-C122X12-5015 - Upper housing part

1076904

https://www.phoenixcontact.com/us/products/1076904

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

DIN rail housing, Upper part, closed, Housing cover, width: 50.1 mm, height: 122.5 mm, depth: 14.35 mm, color: blue (similar RAL 5015)



## Your advantages

- Flexible use, thanks to the modular system and unique modularity in the connection technology
- Standardized connections such as RJ45, USB, D-SUB and antenna sockets as components that can be integrated
- Optimal space utilization, as well as adaptability of design, colors, and printing
- Eight-position DIN rail connectors with parallel and up to two serial contacts for easy module-to-module communication

## Commercial data

| | |
|---|---|
| Item number | 1076904 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | AC09 |
| Product key | ACHAED |
| GTIN | 4055626787503 |
| Weight per piece (including packing) | 18.243 g |
| Weight per piece (excluding packing) | 13.8 g |
| Customs tariff number | 85389099 |
| Country of origin | DE |

# Technical data

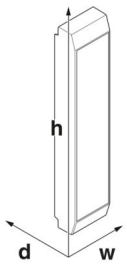
## Notes

| | |
|---|---|
| Assembly note | Please observe the application note in the download area. |

## Product properties

| | |
|---|---|
| Product type | Upper housing part |
| Housing type | DIN rail housing |
| Housing type | Modular housings |
| Housing series | ICS |
| Product family | ICS50-..122X.. |
| Ventilation openings present | no |

## Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 50.1 mm |
| Height | 122.5 mm |
| Depth | 14.35 mm |

PCB design

| | |
|---|---|
| PCB thickness | 1.4 mm ... 1.8 mm |

## Material specifications

| | |
|---|---|
| Color (Upper housing part) | blue (RAL 5015) |
| Material Upper housing part | PA |
| Flammability rating according to UL 94 | V0 |
| CTI according to IEC 60112 | 600 |

## Environmental and real-life conditions

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 60068-2-31:2008-05 |
| Height of fall | 50 cm |
| Frequency | 50 |

Shocks

| | |
|---|---|
| Specification | IEC 60068-2-27:2008-02 |
| Pulse shape | Semi-sinusoidal |
| Acceleration | 15g |
| Shock duration | 11 ms |
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |

Test for substances that would hinder coating with paint or varnish

| | |
|---|---|
| Specification | VDMA 24364:2018-05 |
| Result | Test passed |

Degree of protection (IP code)

| | |
|---|---|
| Specification | IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08 |
| Result, degree of protection, IP code | IP20 |

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) | max. 80 % |

## PCB data

| | |
|---|---|
| Number of PCB holders | 4 |
| Type of PCB mount | Slot |
| Thickness of the PCB | 1.4 mm ... 1.8 mm |

## Mounting

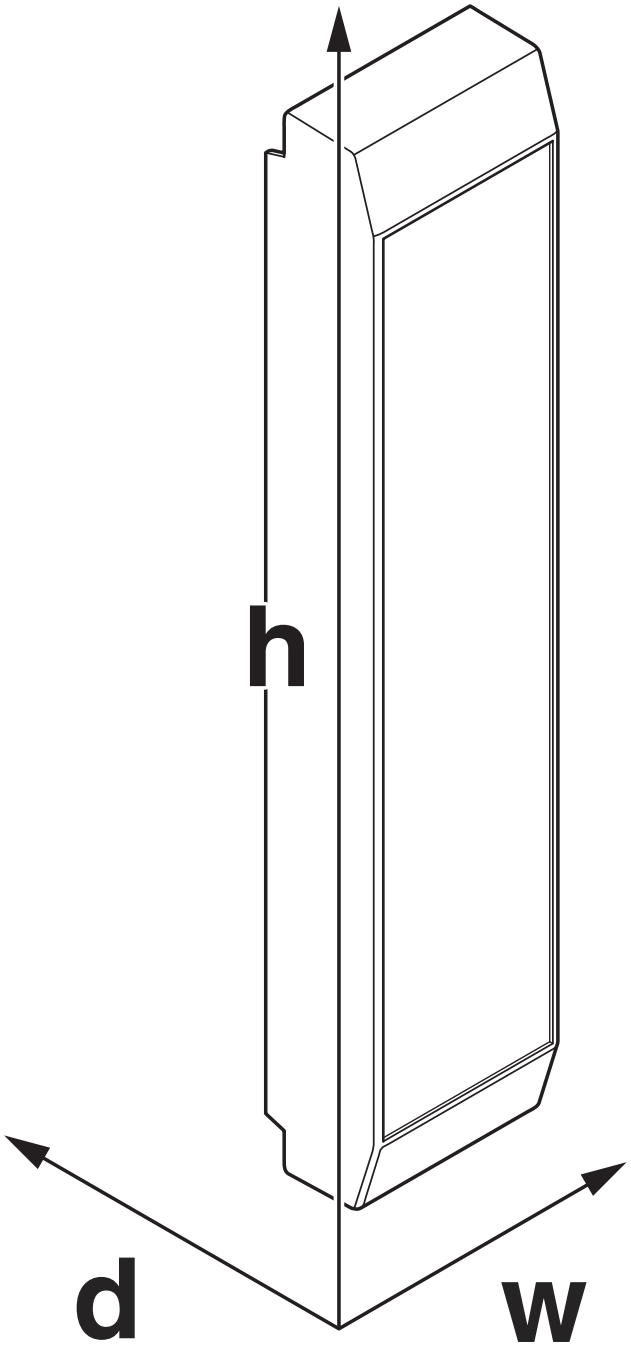
| | |
|---|---|
| Mounting type | Snap in |

## 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/1076904

**UL Recognized**
Approval ID: E240868

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27190603 |
| ECLASS-15.0 | 27190603 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002779 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 31261500 |

## 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% |

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

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