

# EH 22,5-C SS/ABS GY7035 - Upper housing part



2201250

<https://www.phoenixcontact.com/us/products/2201250>

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DIN rail housing, Upper housing part, tall design, connection opening on one side, connection opening on one side, width: 22.6 mm, height: 75.26 mm, depth: 36.95 mm, color: light gray (similar RAL 7035)

## Your advantages

- DIN rail or wall mounting for application-specific device attachment
- Easy design-in, thanks to variable housing form factor
- Complete flexibility, thanks to PCBs with horizontal, frontal, and orthogonal orientation to the front of the device
- Three cover versions for individual PCB connections
- Integration of a wide variety of PCB connection technologies for a functional device design

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2201250       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | AC12          |
| Product key                          | ACHCHC        |
| GTIN                                 | 4046356749930 |
| Weight per piece (including packing) | 12.33 g       |
| Weight per piece (excluding packing) | 12.33 g       |
| Customs tariff number                | 84879090      |
| Country of origin                    | IN            |

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## Technical data

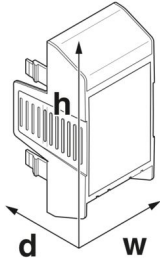
### Notes

|               |                                                             |
|---------------|-------------------------------------------------------------|
| Assembly note | Refer to the data sheet for the range in the download area. |
|---------------|-------------------------------------------------------------|

### Product properties

|                              |                                                                 |
|------------------------------|-----------------------------------------------------------------|
| Product type                 | Upper housing part                                              |
| Housing type                 | DIN rail housing                                                |
| Housing series               | EH                                                              |
| Product family               | EH..ABS..                                                       |
| Max. number of positions     | 4 (pitch: 5.08 mm/5 mm)<br>5 (pitch: 3.5 mm)                    |
| Number of rows               | 1                                                               |
| Type                         | Upper housing part, tall design, connection opening on one side |
| Ventilation openings present | no                                                              |

### Dimensions

|                                 |                                                                                     |
|---------------------------------|-------------------------------------------------------------------------------------|
| Dimensional drawing             |  |
| Width                           | 22.6 mm                                                                             |
| Height                          | 75.26 mm                                                                            |
| Depth                           | 36.95 mm                                                                            |
| Depth from base support surface | 19.95 mm                                                                            |

### Material specifications

|                                        |                       |
|----------------------------------------|-----------------------|
| Color (Housing)                        | light gray (RAL 7035) |
| Flammability rating according to UL 94 | HB                    |
| Housing material                       | ABS                   |
| Surface characteristics                | untreated             |

### 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)     |

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|                        |                   |
|------------------------|-------------------|
| 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   | 80 °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 |
|---------------|---------------------------------------------------|

## Ambient conditions

|                                         |                                                   |
|-----------------------------------------|---------------------------------------------------|
| Max. IP code to attain                  | IP20                                              |
| Ambient temperature (operation)         | -40 °C ... 80 °C (depending on power dissipation) |
| Ambient temperature (storage/transport) | -40 °C ... 55 °C                                  |
| Ambient temperature (assembly)          | -5 °C ... 80 °C                                   |
| Relative humidity (storage/transport)   | 95 %                                              |

## PCB data

|                   |      |
|-------------------|------|
| Type of PCB mount | Slot |
|-------------------|------|

## Mounting

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

## Packaging specifications

|                      |                     |
|----------------------|---------------------|
| Type of packaging    | packed in cardboard |
| Outer packaging type | Carton              |

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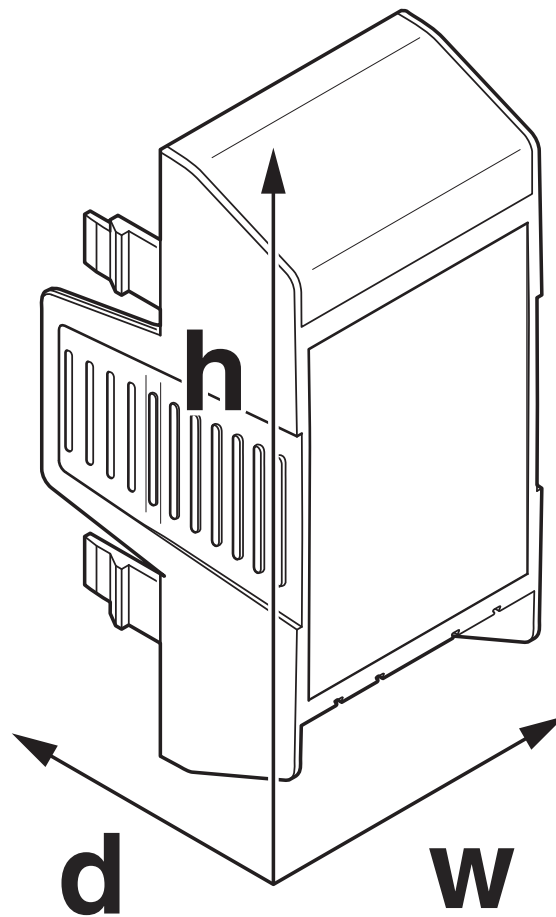
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## Drawings

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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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2201250>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27182702 |
| ECLASS-13.0 | 27190603 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002779 |
|----------|----------|

### 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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