

EH 22,5-B/ABS GY7035 - Mounting base housing



2201248

<https://www.phoenixcontact.com/in/products/2201248>

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DIN rail housing, Lower housing part with base latch, tall design, with vents, width: 22.6 mm, height: 75 mm, depth: 87.3 mm, color: light grey (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 | 2201248 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales Key | ACH |
| Product Key | ACHCHA |
| GTIN | 4046356749916 |
| Weight per Piece (including packing) | 37.34 g |
| Weight per Piece (excluding packing) | 37.34 g |
| Customs tariff number | 85389099 |
| Country of origin | IN |

Technical Data

Notes

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

Product properties

| | |
|------------------------------|--|
| Type | Lower housing parts with vents, housing cover necessary to complete the module |
| Product type | Lower part of the housing |
| Product family | EH...B |
| Type | Lower housing part with base latch, tall design |
| Housing type | DIN rail housing |
| Ventilation openings present | yes |
| Housing series | EH |

Dimensions

PCB design

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

Material specifications

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

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 | 80 °C |
| Test duration | 1 h |

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| | |
|-------|------|
| 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

| | |
|-----------------------|-------------------|
| Number of PCB holders | 3 |
| Type of PCB mount | Latching |
| Thickness of the PCB | 1.4 mm ... 1.8 mm |

Mounting

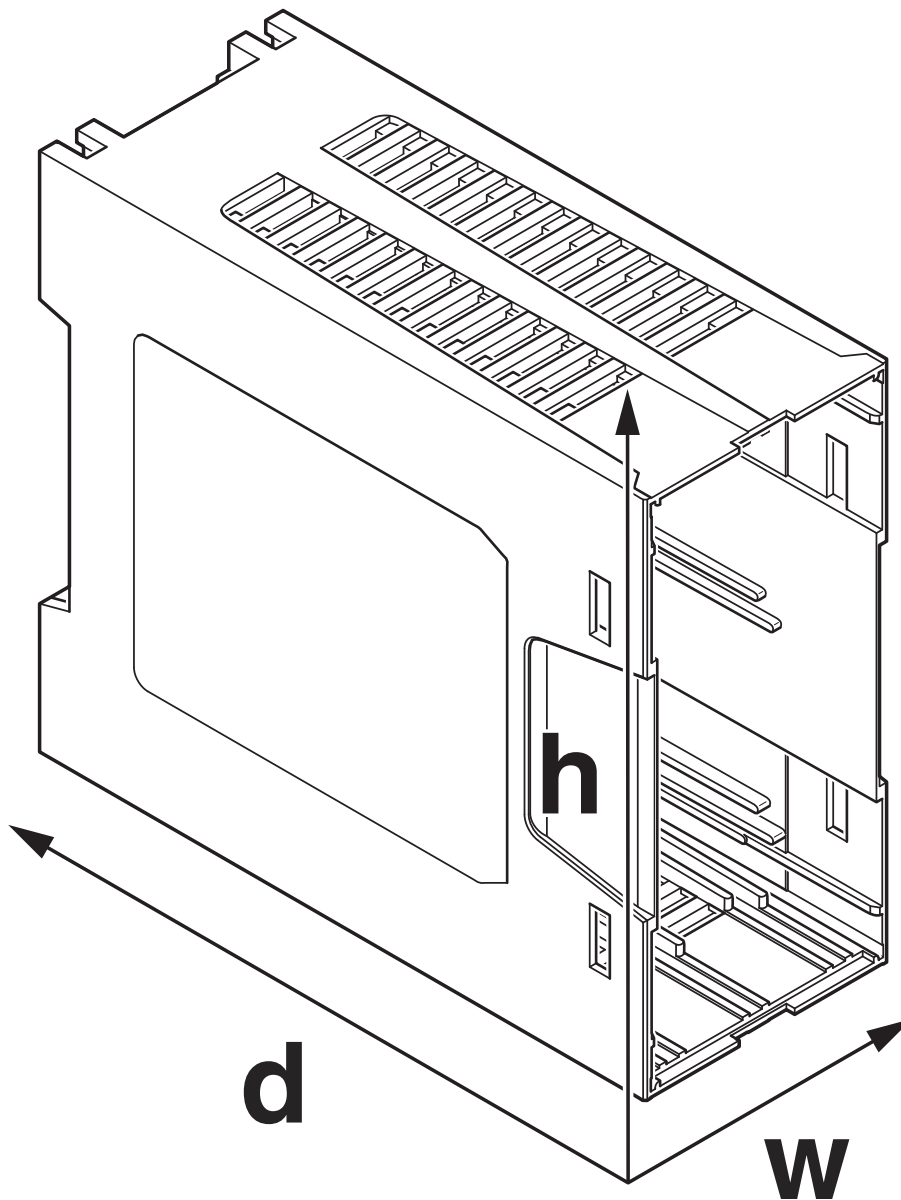
| | |
|-------------------|--|
| Mounting type | DIN rail mounting/wall mounting (with optional base latch) |
| Mounting position | Vertical (horizontal DIN rail) |

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.

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Approvals



EAC

Approval ID: B.01687



UL Recognized

Approval ID: FILE E 240868

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Classifications

ECLASS

| | |
|---------------|----------|
| ECLASS-10.0.1 | 27182702 |
| ECLASS-11.0 | 27182702 |

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC001031 |
|----------|----------|

UNSPSC

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

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Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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Mandatory Accessories

EH 22,5-C CS/ABS - Upper part of housing

2202200

<https://www.phoenixcontact.com/in/products/2202200>

DIN rail housing, Upper housing part, tall design, no connection opening, width: 22.6 mm, height: 75.26 mm, depth: 36.95 mm, color: green (6021)



EH 22,5-C CS/ABS BK9005 - Upper part of housing

2201255

<https://www.phoenixcontact.com/in/products/2201255>

DIN rail housing, Upper housing part, tall design, no connection opening, width: 22.6 mm, height: 75.26 mm, depth: 36.95 mm, color: black (9005)



EH 22,5-B/ABS GY7035 - Mounting base housing

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EH 22,5-C CS/ABS GY7035 - Upper part of housing

2201252

<https://www.phoenixcontact.com/in/products/2201252>

DIN rail housing, Upper housing part, tall design, no connection opening, width: 22.6 mm, height: 75.26 mm, depth: 36.95 mm, color: light grey (7035)



EH 22,5-C DS/ABS - Upper part of housing

2202199

<https://www.phoenixcontact.com/in/products/2202199>

DIN rail housing, Upper housing part, tall design, connection opening on both sides, width: 22.6 mm, height: 75.26 mm, depth: 36.95 mm, color: green (6021)



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EH 22,5-C DS/ABS BK9005 - Upper part of housing

2201254

<https://www.phoenixcontact.com/in/products/2201254>

DIN rail housing, Upper housing part, tall design, connection opening on both sides, width: 22.6 mm, height: 75.26 mm, depth: 36.95 mm, color: black (9005)



EH 22,5-C DS/ABS GY7035 - Upper part of housing

2201251

<https://www.phoenixcontact.com/in/products/2201251>

DIN rail housing, Upper housing part, tall design, connection opening on both sides, width: 22.6 mm, height: 75.26 mm, depth: 36.95 mm, color: light grey (7035)



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

2202198

<https://www.phoenixcontact.com/in/products/2202198>



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: green (6021)

EH 22,5-C SS/ABS BK9005 - Upper part of housing

2201253

<https://www.phoenixcontact.com/in/products/2201253>



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: black (9005)

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

2201250

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

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 grey (7035)



Accessories

EH SNAPLOCK SET WALL MOUNT OG - Base latch

2202007

<https://www.phoenixcontact.com/in/products/2202007>

DIN rail housing, Base latch for wall mounting, width: 28.8 mm, height: 18.7 mm, depth: 4.15 mm, color: orange (2003)



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