

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



2201251

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

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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)



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 | 2201251 |
| Packing unit | 10 pc |
| Minimum order quantity | 1 pc |
| Product Key | ACHCHC |
| GTIN | 4046356749947 |
| Weight per Piece (including packing) | 11.62 g |
| Weight per Piece (excluding packing) | 11.5 g |
| Customs tariff number | 84879090 |
| Country of origin | IN |

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Technical Data

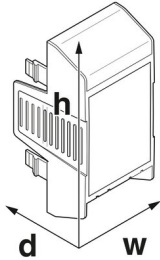
Notes

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

Product properties

| | |
|------------------------------|---|
| Product type | Upper housing part |
| Product family | EH...C DS |
| Max. number of positions | 10 (pitch: 3.5 mm) |
| Type | Upper housing part, tall design, connection opening on both sides |
| Housing type | DIN rail housing |
| Ventilation openings present | no |
| Housing series | EH |

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

Environmental and real-life conditions

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 % |

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PCB data

| | |
|-------------------|----------|
| Type of PCB mount | Latching |
|-------------------|----------|

Mounting

| | |
|-------------------|--------------------------------|
| Mounting type | Snap in |
| Mounting position | Vertical (horizontal DIN rail) |

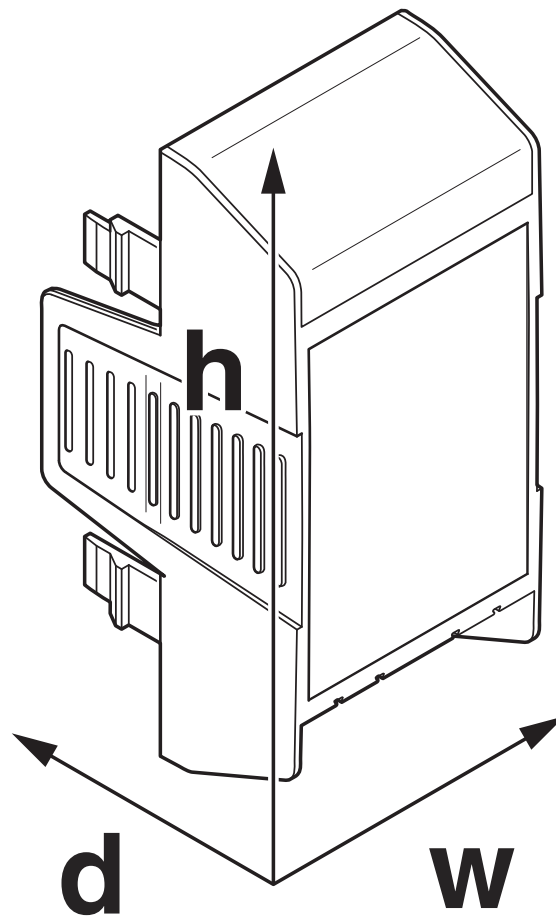
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Drawings

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



EAC

Approval ID: B.01687



UL Recognized

Approval ID: FILE E 240868

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Classifications

ECLASS

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

MKDS 3/ 4-5,08 - PCB terminal block

1712805

<https://www.phoenixcontact.com/pc/products/1712805>



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², number of potentials: 4, number of rows: 1, number of positions per row: 4, product range: MKDS 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. The article can be aligned to create different nos. of positions!

MKKDSH 3/ 2 - PCB terminal block

1721045

<https://www.phoenixcontact.com/pc/products/1721045>



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², number of potentials: 2, number of rows: 1, number of positions per row: 2, product range: MKKDSH 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. The article can be aligned to create different nos. of positions!

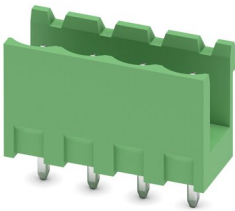
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MSTBV 2,5/ 4-G - PCB header

1753479

<https://www.phoenixcontact.com/pc/products/1753479>

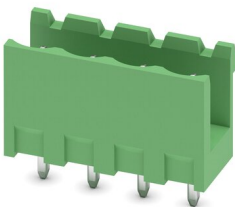


PCB headers, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBV 2,5/..-G, pitch: 5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.9 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

MSTBV 2,5/ 4-G-5,08 - PCB header

1758034

<https://www.phoenixcontact.com/pc/products/1758034>



PCB headers, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBV 2,5/..-G, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.9 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

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MSTBO 2,5/ 4-GL-5,08 - PCB header

1850453

<https://www.phoenixcontact.com/pc/products/1850453>



PCB headers, nominal cross section: 2.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBO 2,5/...-GL, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

MSTBO 2,5/ 4-GR-5,08 - PCB header

1847123

<https://www.phoenixcontact.com/pc/products/1847123>



PCB headers, nominal cross section: 2.5 mm², color: green, nominal current: 8 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Pin, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MSTBO 2,5/...-GR, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

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MCO-EH 1,5/5 G1L-3,5 GY7035 - PCB header

2202330

<https://www.phoenixcontact.com/pc/products/2202330>



PCB headers, nominal cross section: 1.5 mm², color: light grey, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Pin, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: MCO 1,5/..-G1L, pitch: 3.5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 2 mm, locking: without, type of packaging: packed in cardboard, Product with pin output on left side

MCO-EH 1,5/5 G1R-3,5 GY7035 - PCB header

2202331

<https://www.phoenixcontact.com/pc/products/2202331>



PCB headers, nominal cross section: 1.5 mm², color: light grey, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Tin, type of contact: Pin, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: MCO-EH 1,5/..-G1R, pitch: 3.5 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 2 mm, locking: without, type of packaging: packed in cardboard, Product with pin output on right side

Accessories

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EH 22,5-FP/ABS BK9005 - Filler plugs

2201842

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DIN rail housing, Filler plug for unoccupied terminal points (tall design), width: 21.35 mm, height: 19.65 mm, depth: 13.67 mm, color: black (9005)

EH 22,5-FP/ABS GY7035 - Filler plugs

2201843

<https://www.phoenixcontact.com/pc/products/2201843>



DIN rail housing, Filler plug for unoccupied terminal points (tall design), width: 21.35 mm, height: 19.65 mm, depth: 13.67 mm, color: light grey (7035)

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



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HS LC-H-D3/ R1XC1 - Fiber optic

2202313

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Multiple light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)



HS LC-H-5X2/ R1XC1 - Fiber optic

2202314

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Single light guide, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)



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



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HS LC-H-D3/ R2XC1-5,08 - Fiber optic

2202315

<https://www.phoenixcontact.com/pc/products/2202315>

Multiple light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)



HS LC-H-D2C/ R2XC1-2,54 - Fiber optic

1036658

<https://www.phoenixcontact.com/pc/products/1036658>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)



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

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HS LC-H-D2C/ R2XC2-2,54 - Fiber optic

1043044

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Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

HS LC-H-D2C/ R2XC5-2,54 - Fiber optic

1071310

<https://www.phoenixcontact.com/pc/products/1071310>



Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

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HS LC-H-D2C/ R2XC10-2,54 - Fiber optic

1071314

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Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)



HS LC-H-D2C/ R4XC2-2,54 - Fiber optic

1071316

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Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)



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

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HS LC-H-D2C/ R4XC5-2,54 - Fiber optic

1071318

<https://www.phoenixcontact.com/pc/products/1071318>



Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

HS LC-H-D2C/ R4XC9-2,54 - Fiber optic

1071321

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Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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



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HS LC-H-D2C/ R4XC10-2,54 - Fiber optic

1071329

<https://www.phoenixcontact.com/pc/products/1071329>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)



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