

# EH 45-C DS/ABS GY7035 - Upper part of housing



2201512

<https://www.phoenixcontact.com/pc/products/2201512>

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DIN rail housing, Upper housing part, tall design, connection opening on both sides, width: 45.1 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	2201512
Packing unit	10 pc
Minimum order quantity	1 pc
Product Key	ACHCHC
GTIN	4046356831239
Weight per Piece (including packing)	17.11 g
Weight per Piece (excluding packing)	13 g
Customs tariff number	84879090
Country of origin	IN

## Technical Data

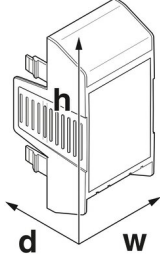
### Notes

Assembly instruction:	Refer to the data sheet for the range in the download area.
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### Product properties

Product type	Upper housing part
Product family	EH...C DS
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	45.1 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 %

### PCB data

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Type of PCB mount	Latching
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## Mounting

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

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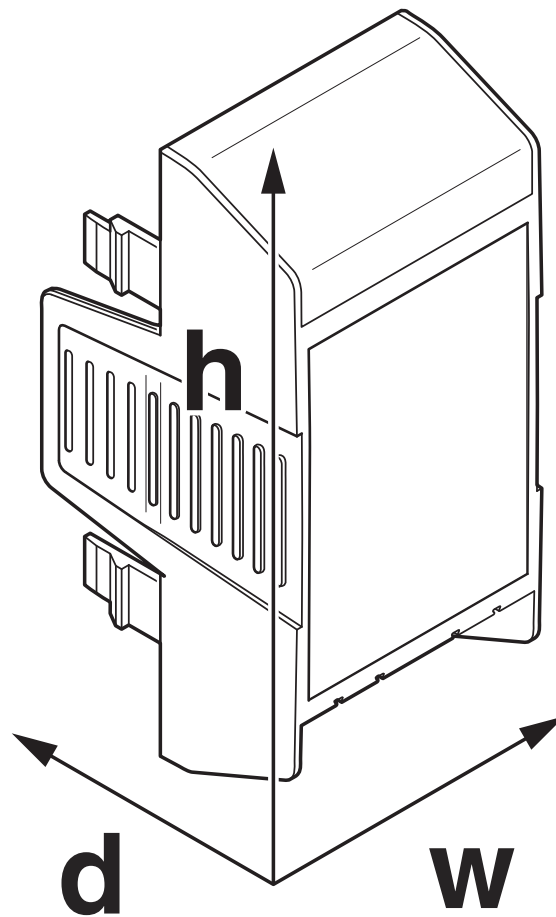
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## Drawings

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



**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/ 8-5,08 - PCB terminal block

1712708

<https://www.phoenixcontact.com/pc/products/1712708>



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 8, number of rows: 1, number of positions per row: 8, 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!

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### MKKDSH 3/ 8 - PCB terminal block

1703283

<https://www.phoenixcontact.com/pc/products/1703283>



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 8, number of rows: 1, number of positions per row: 8, 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!



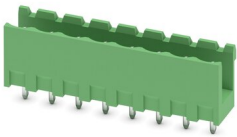
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## MSTBV 2,5/ 8-G - PCB header

1753550

<https://www.phoenixcontact.com/pc/products/1753550>



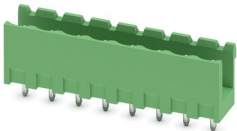
PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MSTBV 2,5/..-G, pitch: 5 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

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## MSTBV 2,5/ 8-G-5,08 - PCB header

1758076

<https://www.phoenixcontact.com/pc/products/1758076>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, 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/ 8-GL-5,08 - PCB header

1850495

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PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, 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

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## MSTBO 2,5/ 8-GR-5,08 - PCB header

1847165

<https://www.phoenixcontact.com/pc/products/1847165>



PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 8 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, 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 mm<sup>2</sup>, 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 mm<sup>2</sup>, 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

<https://www.phoenixcontact.com/pc/products/2201842>



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)

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## 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)

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