

# BC 107,6-KIT-RPI-7035 - Housing set

1311013

<https://www.phoenixcontact.com/us/products/1311013>

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Empty enclosure, DIN rail mounting, light gray (7035), transparent hinged cover, for Raspberry Pi computer (suitable for Raspberry Pi A+, B+, B2, B3, B4), width: 107.6 mm, height: 89.7 mm, depth: 60.7 mm

## Your advantages

- Tool-free mounting
- Plenty of space for additional circuits on matrix or additional boards
- GPIO strip can be used with PTSM series connection technology
- Easy module-to-module connection, thanks to bus connection via DIN rails

## Commercial data

Item number	1311013
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC10
Product key	ACHBAE
GTIN	4063151602956
Weight per piece (including packing)	122.7 g
Weight per piece (excluding packing)	119.4 g
Customs tariff number	84879090
Country of origin	DE

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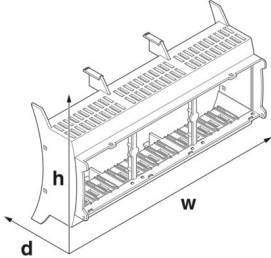
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## Technical data

### Product properties

Product type	Stackable housing set
Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880
Housing series	BC
Product family	BC 107,6..
Ventilation openings present	yes

### Dimensions

Dimensional drawing	
Width	107.6 mm
Height	89.7 mm
Depth	60.7 mm
Depth from top edge of DIN rail	54.7 mm
Horizontal pitch	6 Div.

### Material specifications

Color (Upper housing part)	light gray (RAL 7035)
Color (Lower housing part)	light gray (RAL 7035)
Material	PC
Flammability rating according to UL 94	V0
Insulating material	Polycarbonat

### Environmental and real-life conditions

#### Power dissipation single housing for 20 °C

Ambient temperature	20 °C
Reduction factor	1

#### Power dissipation single housing for 30 °C

Ambient temperature	30 °C
Reduction factor	0.84

#### Power dissipation single housing for 40 °C

Ambient temperature	40 °C
Reduction factor	0.72

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## Power dissipation single housing for 50 °C

Ambient temperature	50 °C
Reduction factor	0.6

## Power dissipation single housing for 60 °C

Ambient temperature	60 °C
Reduction factor	0.48

## Power dissipation single housing for 70 °C

Ambient temperature	70 °C
Reduction factor	0.38

## 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 ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Relative humidity (storage/transport)	95 %

## PCB data

Type of PCB mount	Latching
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## Mounting

Mounting type	DIN rail mounting/panel mounting
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## Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

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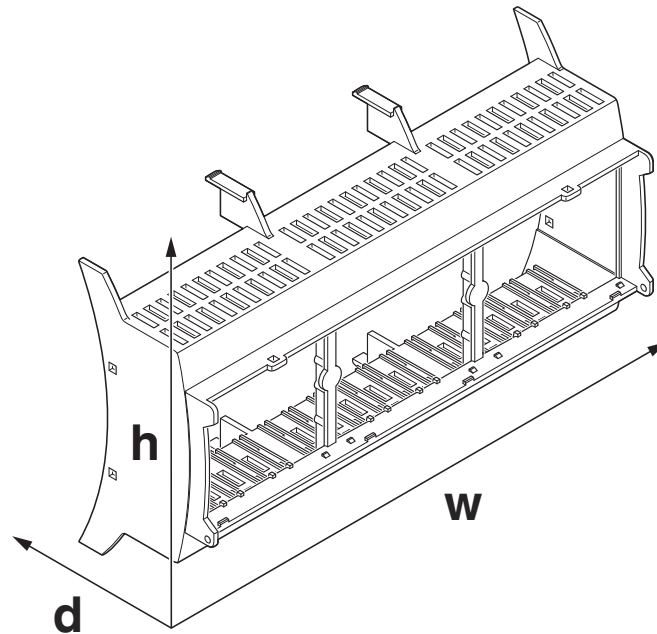
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## Drawings

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/1311013>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

ECLASS-13.0	27190301
ECLASS-15.0	27190301

### ETIM

ETIM 10.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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### EF3.1 Climate Change

CO2e kg	0.5 kg CO2e
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)