

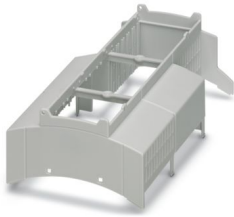
# BC 161,6 OT 000C0C22 KMGY - Upper housing part



2201678

<https://www.phoenixcontact.com/us/products/2201678>

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DIN rail housing for use in distribution boards in accordance with DIN 43880, modular upper housing part, width: 161.6 mm, height: 89.7 mm, depth: 54.85 mm, color: light grey (similar RAL 7035)

## Your advantages

- Coordinated housing and connection system for faster device development
- Individual online configuration for diverse applications in building automation
- Variety of connection technology
- Can be mounted on the DIN rail or the wall
- With DIN-rail-mountable bus connector and power connector system as an option
- Tool-free mounting
- Available in overall widths from one to nine HP (17.8 mm ... 161.6 mm)
- Compliant with DIN EN 43880

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2201678                        |
| Packing unit                         | 10 pc                          |
| Minimum order quantity               | 10 pc                          |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | AC10                           |
| Product key                          | ACHBAB                         |
| GTIN                                 | 4046356906630                  |
| Weight per piece (including packing) | 65.15 g                        |
| Weight per piece (excluding packing) | 65.15 g                        |
| Customs tariff number                | 84879090                       |
| Country of origin                    | DE                             |

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## Technical data

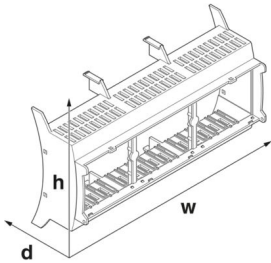
### Notes

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

### Product properties

|                              |  |
|------------------------------|--|
| Product type                 | Upper housing part   |
| Housing series               | BC   |
| Product family               | BC 161,6   |
| Type                         | modular upper housing part   |
| Housing type                 | DIN rail housing for use in distribution boards in accordance with DIN 43880 |
| Ventilation openings present | no   |

### Dimensions

|                     |   |
|---------------------|---|
| Dimensional drawing |  |
| Width               | 161.6 mm  |
| Height              | 89.7 mm   |
| Depth               | 54.85 mm  |
| Horizontal pitch    | 9 Div.  |

### PCB design

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

### Material specifications

|  |                       |
|--|-----------------------|
| Color (Housing)                        | light grey (RAL 7035) |
| Flammability rating according to UL 94 | V0                    |
| Housing material                       | Polycarbonate         |

### 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                       |

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

## Mechanical strength / tumbling barrel

|                |                        |
|----------------|------------------------|
| Specification  | IEC 60068-2-31:2008-05 |
| Height of fall | 50 cm                  |
| Frequency      | 50                     |

## 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 ... 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

|                       |                   |
|-----------------------|-------------------|
| Number of PCB holders | 18                |
| Type of PCB mount     | Latching          |
| Thickness of the PCB  | 1.4 mm ... 1.8 mm |

## Mounting

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

## Packaging specifications

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

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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

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

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