

# BC 71,6 DKL R KMGY - Housing cover



2896160

<https://www.phoenixcontact.com/pc/products/2896160>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), width: 71.6 mm, height: 45 mm, depth: 8 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                          | 2896160             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 1 pc                |
| Product key                          | ACHBAB              |
| Catalog page                         | Page 699 (C-1-2013) |
| GTIN                                 | 4046356096577       |
| Weight per piece (including packing) | 9.68 g              |
| Weight per piece (excluding packing) | 7.92 g              |
| Customs tariff number                | 84879090            |
| Country of origin                    | DE                  |

# BC 71,6 DKL R KMGY - Housing cover



2896160

<https://www.phoenixcontact.com/pc/products/2896160>

## Technical data

### Notes

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

### Product properties

|                              |  |
|------------------------------|--|
| Product type                 | Cover  |
| Product family               | BC 71,6  |
| Housing series               | BC   |
| Type                         | Latching cover (non-detachable)  |
| Housing type                 | DIN rail housing for use in distribution boards in accordance with DIN 43880 |
| Ventilation openings present | no   |

### Dimensions

|        |         |
|--------|---------|
| Width  | 71.6 mm |
| Height | 45 mm   |
| Depth  | 8 mm    |

### Material specifications

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

### 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                   |

#### Mechanical strength / tumbling barrel

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

# BC 71,6 DKL R KMGY - Housing cover



2896160

<https://www.phoenixcontact.com/pc/products/2896160>

## 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 %   |

## Mounting

|                   |                                  |
|-------------------|----------------------------------|
| Mounting type     | Latching with upper housing part |
| Mounting position | Vertical (horizontal DIN rail)   |

## Packaging specifications

|                   |               |
|-------------------|---------------|
| Type of packaging | Box packaging |
|-------------------|---------------|

# BC 71,6 DKL R KMGY - Housing cover



2896160

<https://www.phoenixcontact.com/pc/products/2896160>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/2896160>



**UL Recognized**

Approval ID: FILE E 240868

# BC 71,6 DKL R KMGY - Housing cover



2896160

<https://www.phoenixcontact.com/pc/products/2896160>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27182702 |
| ECLASS-13.0 | 27190603 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001031 |
|----------|----------|

### UNSPSC

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

# BC 71,6 DKL R KMGY - Housing cover



2896160

<https://www.phoenixcontact.com/pc/products/2896160>

## Environmental product compliance

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

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachmarktstraße 8  
D-32825 Blomberg  
+49 (0) 5235-3 00  
[info@phoenixcontact.com](mailto:info@phoenixcontact.com)