# BC 53,6 DKL S TRANS - Housing cover

2896445

https://www.phoenixcontact.com/us/products/2896445

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DIN rail housing for use in distribution boards in accordance with DIN 43880, transparent hinged cover, can be sealed, including insertion plate, width: 53.6 mm, height: 45 mm, depth: 8 mm, color: light gray (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 | 2896445 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | AC10 |
| Product key | ACHBAB |
| Catalog page | Page 699 (C-1-2013) |
| GTIN | 4046356103190 |
| Weight per piece (including packing) | 13.276 g |
| Weight per piece (excluding packing) | 12.73 g |
| Customs tariff number | 84879090 |
| Country of origin | DE |

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## Technical data

### Notes

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

### Product properties

| | |
|---|---|
| Product type | Cover |
| Housing type | DIN rail housing for use in distribution boards in accordance with DIN 43880 |
| Housing series | BC |
| Product family | BC 53,6.. |
| Type | transparent hinged cover, can be sealed |
| Ventilation openings present | no |

#### Data management status

| | |
|---|---|
| Article revision | 05 |

### Dimensions

| | |
|---|---|
| Width | 53.6 mm |
| Height | 45 mm |
| Depth | 8 mm |

### Material specifications

| | |
|---|---|
| Color (Insertion plate) | light gray (RAL 7035) |
| Color (Housing cover) | transparent |
| 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

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| 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 % |

## Mounting

| Mounting type | can be swiveled and sealed |
|---|---|

## Packaging specifications

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

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2896445

**UL Recognized**
Approval ID: E240868

## 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

### EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

### 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% |