

BC 215,6 DKL R BK - Housing cover



1693942

<https://www.phoenixcontact.com/in/products/1693942>

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), width: 215.6 mm, height: 45 mm, depth: 8 mm, color: black (similar RAL 9005)

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 1 ... 9 width units (17.8 mm ... 161.6 mm)
- Compliant with DIN EN 43880

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1693942 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Product key | ACHBAB |
| GTIN | 4067923256163 |
| Weight per piece (excluding packing) | 22.22 g |
| Country of origin | US |

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Technical data

Notes

| | |
|---------------|---|
| Assembly note | Please observe the application note 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 215,6 |
| Number (Connection openings) | 0 |
| Ventilation openings present | no |

Dimensions

| | |
|------------------|----------|
| Width | 215.6 mm |
| Height | 45 mm |
| Depth | 8 mm |
| Horizontal pitch | 12 Div. |

Material specifications

| | |
|--|------------------|
| Color (Housing cover) | black (RAL 9005) |
| Material | PC |
| Flammability rating according to UL 94 | V0 |
| 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 |

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

| | |
|-------------------|----------|
| Type of PCB mount | Latching |
|-------------------|----------|

Mounting

| | |
|---------------|----------------------------------|
| Mounting type | Latching with upper housing part |
|---------------|----------------------------------|

Packaging specifications

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


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Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1693942>



UL Recognized

Approval ID: E240868

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27190603 |
| ECLASS-15.0 | 27190603 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002779 |
|----------|----------|

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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% |
|-------------------------------------|----------------------------|

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