

# CBC-PRC COVER F 800V - Protective cap



1476946  
<https://www.phoenixcontact.com/gb/products/1476946>

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Protective cap, Range of articles: ArcZero, color: black, rated voltage: 800 VDC, Fit the protective cap when not plugged in., scope: DC-Grids

## Your advantages

- Safe connection and disconnection under load
- Fast disconnection of flying leads
- Time-saving maintenance or replacement of connected devices
- Robust outdoor design even for extreme conditions
- Particularly durable and economical

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1476946       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 50 pc         |
| Sales key                            | ABLFZA        |
| Product key                          | ABLFZA        |
| GTIN                                 | 4063151891916 |
| Weight per piece (including packing) | 5.3 g         |
| Weight per piece (excluding packing) | 3.087 g       |
| Customs tariff number                | 85389099      |
| Country of origin                    | PL            |

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## Technical data

### Notes

|                 |                                             |
|-----------------|---------------------------------------------|
| Notes on safety | Fit the protective cap when not plugged in. |
|-----------------|---------------------------------------------|

### Product properties

|                     |                |
|---------------------|----------------|
| Product type        | Protective cap |
| Product family      | ArcZero        |
| Area of application | DC-Grids       |

### Insulation characteristics

|                  |                      |
|------------------|----------------------|
| Protection class | II (plastic housing) |
|------------------|----------------------|

### Electrical properties

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| Nominal voltage ATD | 800 VDC (III/2.00) in accordance with IEC 61984         |
|                     | 250 VDC Minimum system voltage                          |
|                     | 500 VDC (III/2.00) in accordance with IEC 61535         |
|                     | 600 VDC (III/2.00) in accordance with UL 2238 / UL 2237 |

### Dimensions

|        |         |
|--------|---------|
| Width  | 32.3 mm |
| Height | 30 mm   |
| Length | 19.5 mm |

### Material specifications

|                         |                    |
|-------------------------|--------------------|
| Color                   | black              |
| Material Protective cap | PPE                |
| Material Seal           | EPDM (Mating face) |

### Cable/line

|              |                                                         |
|--------------|---------------------------------------------------------|
| Halogen-free | yes (in accordance with IEC 61249-2-21:2003- 11 Cl.3.1) |
|--------------|---------------------------------------------------------|

### Environmental and real-life conditions

#### Ambient conditions

|                                         |                   |
|-----------------------------------------|-------------------|
| Degree of protection                    | IP66              |
|                                         | IP68 (2 m / 2 h)  |
|                                         | IP69              |
| Ambient temperature (operation)         | -40 °C ... 105 °C |
| Ambient temperature (storage/transport) | -40 °C ... 105 °C |
| Ambient temperature (assembly)          | -40 °C ... 105 °C |

### Standards and regulations

|                          |                |
|--------------------------|----------------|
| Standards/specifications | IEC 61984      |
|                          | IEC TS 62735-1 |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440691 |
|-------------|----------|

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002863 |
|----------|----------|

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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.)     | Triphenyl phosphate(CAS: 115-86-6)       |
| SCIP                                    | 829aa714-4699-492e-9f45-09449a56804a     |

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