

# Product data sheet

Specifications



## heavy duty PowerLogic PFC Capacitor, 15/18 kvar - 440 V - 50/60Hz

BLRCH150A180B44

### Main

|                                 |  |
|---------------------------------|--|
| Range Of Product                | PowerLogic                                 |
| Product Or Component Type       | Heavy duty capacitor                       |
| Network Frequency               | 50/60 Hz                                   |
| Series Name                     | HDuty                                      |
| Network Harmonic Content        | <= 20 %                                    |
| Electrical Parameters           | 15 kvar 440 V 50 Hz<br>18 kvar 440 V 60 Hz |
| Maximum Permissible Voltage     | 1.1 x Un (8 hours over 24 hours)           |
| Continuous Overcurrent Capacity | 1.8 x In                                   |
| Rated Voltage                   | 440 V AC 50/60 Hz                          |

### Complementary

|                                      |   |
|--------------------------------------|---|
| Dielectric Losses                    | < 0.2 W/kvar  |
| Power Losses                         | < 0.5 W/kVAr  |
| Capacitance Tolerance                | - 5 % to 10 %   |
| Voltage Test                         | 2.15 x Un AC between terminals for 10 s<br><= 660 V - 3 kV AC between terminal and container for 10 s<br>>= 660 V - 6 kV AC between terminal and container for 10 s |
| Inrush Current                       | 250 x In  |
| Maximum Switching Operation Per Year | 7000  |
| Service Life In Hours                | 130000 h  |
| Dielectric Material                  | Metallized polypropylene film with Zn/Al alloy, special resistivity & profile, special edge (wave cut)  |
| Impregnation Material                | Non-PCB dry PUR resin<br>Biodegradable  |
| Type Of Installation                 | Indoor installation   |
| Connections - Terminals              | ClampTite terminal  |
| Mounting Mode                        | Upright/horizontal  |
| Diameter                             | 90 mm   |
| Height                               | 242 mm  |
| Net Weight                           | 1.6 kg  |

### Environment

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                       |                            |
|---------------------------------------|----------------------------|
| Standards                             | IEC 60831-2<br>IEC 60831-1 |
| Ip Degree Of Protection               | IP20                       |
| Operating Altitude                    | 2000 m                     |
| Temperature Class                     | D                          |
| Ambient Air Temperature For Operation | -25...55 °C                |
| Relative Humidity                     | 95 %                       |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type Of Package 1       | PCE     |
| Number Of Units In Package 1 | 1       |
| Package 1 Height             | 28.5 cm |
| Package 1 Width              | 11 cm   |
| Package 1 Length             | 11.8 cm |
| Package 1 Weight             | 1.7 kg  |
| Unit Type Of Package 2       | BB1     |
| Number Of Units In Package 2 | 2       |
| Package 2 Height             | 29 cm   |
| Package 2 Width              | 29 cm   |
| Package 2 Length             | 39 cm   |
| Package 2 Weight             | 7.5 kg  |
| Unit Type Of Package 3       | S03     |
| Number Of Units In Package 3 | 6       |
| Package 3 Height             | 30 cm   |
| Package 3 Width              | 30 cm   |
| Package 3 Length             | 40 cm   |
| Package 3 Weight             | 12.6 kg |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

## Certifications & Standards

|                          |   |
|--------------------------|---|
| Reach Regulation         | <a href="#">REACH Declaration</a>   |
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>   |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |