# Product datasheet

Specifications

Green Premium™

## EasyLogic PFC Capacitor, 15/18 kvar - 440 V - 50/60Hz

BLRCS150A180B44

## Main

| | |
|---|---|
| **Product Or Component Type** | Standard duty capacitor |
| **Network Frequency** | 50/60 Hz |
| **Series Name** | EasyLogic PFC Capacitor |
| **Network Harmonic Content** | <= 10 % |
| **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** | 1.5 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** | 200 x In |
| **Maximum Switching Operation Per Year** | 5000 |
| **Service Life In Hours** | 100000 h |
| **Dielectric Material** | Metallized polypropylene film with Zn/Al alloy, |
| **Impregnation Material** | Non-PCB soft PUR resin<br>Biodegradable |
| **Type Of Installation** | Indoor installation |
| **Connections - Terminals** | ClampTite terminal |
| **Mounting Mode** | Vertical |
| **Diameter** | 75 mm |
| **Height** | 308 mm |
| **Net Weight** | 1.3 kg |

## Environment

| | |
|---|---|
| **Standards** | IEC 60831-2<br>IEC 60831-1 |
| **Ip Degree Of Protection** | IP20 |

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

| | |
|---|---|
| **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** | 28.0 cm |
| **Package 1 Width** | 8.0 cm |
| **Package 1 Length** | 8.0 cm |
| **Package 1 Weight** | 1.716 kg |
| **Unit Type Of Package 2** | S04 |
| **Number Of Units In Package 2** | 8 |
| **Package 2 Height** | 30.0 cm |
| **Package 2 Width** | 40.0 cm |
| **Package 2 Length** | 60.0 cm |
| **Package 2 Weight** | 14.778 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 24 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-$CO_2$ 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

Rohs Exemption Information Yes

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant<br>EU RoHS Declaration |
| **China Rohs Regulation** | China RoHS declaration<br>Pro-active China RoHS declaration (out of China RoHS legal scope) |
| **Environmental Disclosure** | Product Environmental Profile |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| **Circularity Profile** | End of Life Information |