

Product data sheet

Specifications



EasyLogic PFC Capacitor, 8.3/10 kvar - 240 V - 50/60Hz

BLRCS083A100B24

 To be discontinued on: Sep 30, 2024

 To be discontinued

Main

| | |
|---------------------------------|--|
| Product Or Component Type | Standard duty capacitor |
| Network Frequency | 50/60 Hz |
| Series Name | EasyLogic PFC Capacitor |
| Network Harmonic Content | <= 10 % |
| Electrical Parameters | 8.3 kvar 240 V 50 Hz 10 kvar 240 V 60 Hz 9.7 kvar 260 V 50 Hz 11.7 kvar 260 V 60 Hz |
| Maximum Permissible Voltage | 1.1 x Un (8 hours over 24 hours) |
| Continuous Overcurrent Capacity | 1.5 x In |
| Rated Voltage | 240...260 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 <= 660 V - 3 kV AC between terminal and container for 10 s >= 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 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

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 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 | 33.5 cm |
| Package 1 Width | 12.0 cm |
| Package 1 Length | 12.0 cm |
| Package 1 Weight | 1.56 kg |
| Unit Type Of Package 2 | S04 |
| Number Of Units In Package 2 | 8 |
| Package 2 Height | 30 cm |
| Package 2 Width | 40 cm |
| Package 2 Length | 60 cm |
| Package 2 Weight | 13.13 kg |
| Unit Type Of Package 3 | P06 |
| Number Of Units In Package 3 | 32 |
| Package 3 Height | 75 cm |
| Package 3 Width | 80 cm |
| Package 3 Length | 120 cm |
| Package 3 Weight | 61.02 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-CO₂ products.

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

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Transparency RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

| | |
|--------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Compliant EU RoHS Declaration |
| China Rohs Regulation | China RoHS declaration 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 |