

Product data sheet

Specifications



EasyLogic PFC Capacitor, 25/30 kvar - 400 V - 50/60Hz

BLRCS250A300B40

Main

| | |
|---------------------------------|--|
| Product or component type | Standard duty capacitor |
| Network frequency | 50/60 Hz |
| Series name | EasyLogic PFC Capacitor |
| Network harmonic content | $\leq 10\%$ |
| Electrical parameters | 22.6 kvar 380 V 50 Hz 27.1 kvar 380 V 60 Hz 25 kvar 400 V 50 Hz 30 kvar 400 V 60 Hz 26.9 kvar 415 V 50 Hz 32.3 kvar 415 V 60 Hz |
| Maximum permissible voltage | 1.1 x Un (8 hours over 24 hours) |
| Continuous overcurrent capacity | 1.5 x In |
| Rated voltage | 380...415 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 | 90 mm |
| Height | 308 mm |

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|------------|--------|
| Net weight | 2.3 kg |
|------------|--------|

Environment

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|---------------------------------------|----------------------------|
| Standards | IEC 60831-1 IEC 60831-2 |
| 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

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 2.28 kg |
| Package 1 Height | 13.088 cm |
| Package 1 Width | 13.231 cm |
| Package 1 Length | 35.5 cm |
| Unit Type of Package 2 | P06 |
| Number of Units in Package 2 | 32 |
| Package 2 Weight | 84.6 kg |
| Package 2 Height | 50.0 cm |
| Package 2 Width | 60.0 cm |
| Package 2 Length | 80.0 cm |
| Unit Type of Package 3 | S04 |
| Number of Units in Package 3 | 8 |
| Package 3 Weight | 19.24 kg |
| Package 3 Height | 30.0 cm |
| Package 3 Width | 40.0 cm |
| Package 3 Length | 60.0 cm |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope) |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |

WEEE

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty

18 months