

Product datasheet

Specifications



heavy duty PowerLogic PFC Capacitor, 57.1/0 kvar - 440 V - 50/60Hz

BLRCH571A000B44

Main

| | |
|---------------------------------|--|
| Range | PowerLogic |
| Range of product | PowerLogic |
| Product or component type | Heavy duty capacitor |
| Product name | PowerLogic PFC Capacitor |
| Network frequency | 50/60 Hz |
| Series name | HDuty |
| Network harmonic content | $\leq 20\%$ |
| Electrical parameters | 57.1 kvar 50 Hz |
| Maximum permissible voltage | $1.1 \times U_n$ (8 hours over 24 hours) |
| continuous overcurrent capacity | $1.8 \times I_n$ |
| Rated voltage | 440 V AC 50/60 Hz |

Complementary

| | |
|--------------------------------------|--|
| Dielectric losses | $< 0.2 \text{ W/kvar}$ |
| Power losses | $< 0.5 \text{ W/kVAr}$ |
| Capacitance tolerance | - 5 % to 10 % |
| Voltage test | 2.15 x U_n AC between terminals for 10 s $\leq 660 \text{ V}$ - 3 kV AC between terminal and container for 10 s $\geq 660 \text{ V}$ - 6 kV AC between terminal and container for 10 s |
| Inrush current | $250 \times I_n$ |
| 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 Biodegradable |
| Type of installation | Indoor installation |
| Connections - terminals | Stud terminals |
| Mounting mode | Upright/horizontal |
| Diameter | 136 mm |
| Height | 321 mm |
| Net weight | 5.3 kg |

Environment

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

| | |
|--|----------------------------|
| Standards | IEC 60831-2 IEC 60831-1 |
| IP degree of protection | IP00 |
| 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 | 18.000 cm |
| Package 1 Width | 18.000 cm |
| Package 1 Length | 39.500 cm |
| Package 1 Weight | 5.252 kg |
| Unit Type of Package 2 | S06 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 75.000 cm |
| Package 2 Width | 60.000 cm |
| Package 2 Length | 80.000 cm |
| Package 2 Weight | 75.024 kg |

Contractual warranty

| | |
|-----------------------------|----|
| Warranty (in months) | 18 |
|-----------------------------|----|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 98

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant

REACH Regulation [REACH Declaration](#)

Energy efficiency

Product contributes to saved and avoided emissions Yes

Use Longer

Lifetime extension

Repair No

Use Again

Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

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