Product datasheet

Specifications



EasyLogic PFC Capacitor, 31.5/37.8 kvar - 480 V - 50/60Hz

BLRCS315A378B48

Main

Range	EasyLogic
Product or component type	Standard duty capacitor
Product name	EasyLogic PFC Capacitor
Network frequency	50/60 Hz
Series name	EasyLogic PFC Capacitor
Network harmonic content	<= 10 %
Electrical parameters	31.5 kvar 480 V 50 Hz 37.8 kvar 480 V 60 Hz
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours)
continuous overcurrent capacity	1.5 x In
Rated voltage	480 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	136 mm
Height	242 mm
Net weight	3.2 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	19.000 cm
Package 1 Width	19.000 cm
Package 1 Length	31.000 cm
Package 1 Weight	3.849 kg
Unit Type of Package 2	S06
Number of Units in Package 2	15
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	72.160 kg

Contractual warranty

Warranty (in months)	24

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	**444 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**47 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**7 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**376 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**15 kg CO2 eq.**
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	Free of Substances of Very High Concern above the threshold

Energy efficiency

Product contributes to saved and avoided emissions	**Yes**

Use Again

Repack and remanufacture

Recyclability potential, in %	**6**
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**