

Product datasheet

Specifications



EasyLogic PFC Capacitor, 25/30 kvar - 525 V - 50/60Hz

BLRCS250A300B52

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	25 kvar 525 V 50 Hz 30 kvar 525 V 60 Hz
Maximum Permissible Voltage	$1.1 \times U_n$ (8 hours over 24 hours)
Continuous Overcurrent Capacity	$1.5 \times I_n$
Rated Voltage	525 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	$2.15 \times U_n$ 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	$200 \times I_n$
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
Net Weight	2.3 kg

Environment

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	28.5 cm
Package 1 Width	37.3 cm
Package 1 Length	57.4 cm
Package 1 Weight	2.3 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	18.4 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	96
Package 3 Height	90 cm
Package 3 Width	120 cm
Package 3 Length	80 cm
Package 3 Weight	264.96 kg

Contractual warranty

Warranty	18 months
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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.

[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
[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](#)