

# Product datasheet

Specifications



## EasyCan 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	$1.1 \times U_n$ (8 hours over 24 hours)
Continuous Overcurrent Capacity	$1.5 \times I_n$
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	$2.15 \times U_n$ AC between terminals for 10 s $\leq 660$ V - 3 kV AC between terminal and container for 10 s $\geq 660$ 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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Standards</b>	IEC 60831-1 IEC 60831-2
<b>Ip Degree Of Protection</b>	IP20
<b>Operating Altitude</b>	2000 m
<b>Temperature Class</b>	D
<b>Ambient Air Temperature For Operation</b>	-25...55 °C
<b>Relative Humidity</b>	95 %

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	13.088 cm
<b>Package 1 Width</b>	13.231 cm
<b>Package 1 Length</b>	35.5 cm
<b>Package 1 Weight</b>	2.28 kg
<b>Unit Type Of Package 2</b>	S04
<b>Number Of Units In Package 2</b>	8
<b>Package 2 Height</b>	30 cm
<b>Package 2 Width</b>	40 cm
<b>Package 2 Length</b>	60 cm
<b>Package 2 Weight</b>	19.24 kg
<b>Unit Type Of Package 3</b>	P06
<b>Number Of Units In Package 3</b>	32
<b>Package 3 Height</b>	50 cm
<b>Package 3 Width</b>	60 cm
<b>Package 3 Length</b>	80 cm
<b>Package 3 Weight</b>	84.6 kg

## Contractual warranty

<b>Warranty</b>	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-CO<sub>2</sub> 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](#)