

# Product datasheet

Specifications



## heavy duty PowerLogic PFC Capacitor, 25/30 kvar - 525 V - 50/60Hz

BLRCH250A300B52

### Main

Range Of Product	PowerLogic
Product Or Component Type	Heavy duty capacitor
Network Frequency	50/60 Hz
Series Name	HDuty
Network Harmonic Content	$\leq 20\%$
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	$1.8 \times I_n$
Rated Voltage	525 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	$2.15 \times U_n$ AC between terminals for 10 s $\leq 660 \text{ V} - 3 \text{ kV}$ AC between terminal and container for 10 s $\geq 660 \text{ V} - 6 \text{ kV}$ 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	ClampTite terminal
Mounting Mode	Upright/horizontal
Diameter	116 mm
Height	242 mm
Net Weight	2.5 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>	19 cm
<b>Package 1 Width</b>	19 cm
<b>Package 1 Length</b>	31 cm
<b>Package 1 Weight</b>	3.057 kg
<b>Unit Type Of Package 2</b>	S06
<b>Number Of Units In Package 2</b>	15
<b>Package 2 Height</b>	74 cm
<b>Package 2 Width</b>	60 cm
<b>Package 2 Length</b>	80 cm
<b>Package 2 Weight</b>	45.855 kg
<b>Unit Type Of Package 3</b>	S06
<b>Number Of Units In Package 3</b>	15
<b>Package 3 Height</b>	74 cm
<b>Package 3 Width</b>	60 cm
<b>Package 3 Length</b>	80 cm
<b>Package 3 Weight</b>	45.855 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

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✓ Toxic Heavy Metal Free

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✓ Mercury Free

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✓ Rohs Exemption Information Yes

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## Certifications & Standards

**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Compliant  
[EU RoHS Declaration](#)

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**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

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**Environmental Disclosure** [Product Environmental Profile](#)

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

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