

# Product data sheet

Specifications



## EasyLogic PFC Capacitor, 20.8/25 kvar - 400 V - 50/60Hz

BLRCS208A250B40

### 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	18.8 kvar 380 V 50 Hz 22.6 kvar 380 V 60 Hz 20.8 kvar 400 V 50 Hz 25 kvar 400 V 60 Hz 22.4 kvar 415 V 50 Hz 26.9 kvar 415 V 60 Hz
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours)
Continuous overcurrent capacity	1.5 x In
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 x Un 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 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	90 mm
Height	308 mm

Net weight	2.3 kg
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## 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 Weight	7.43 kg
Package 1 Height	28 cm
Package 1 Width	9 cm
Package 1 Length	9 cm
Unit Type of Package 2	CAR
Number of Units in Package 2	1
Package 2 Weight	2.76 kg
Package 2 Height	28 cm
Package 2 Width	9 cm
Package 2 Length	9 cm
Unit Type of Package 3	S03
Number of Units in Package 3	6
Package 3 Weight	17.273 kg
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

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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

**Contractual warranty**

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**Warranty**

18 months