

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 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 ≤ 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	90 mm
Height	308 mm

Net weight	2.3 kg
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Environment

Standards	IEC 60831-1 IEC 60831-2
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	13.088 cm
Package 1 Width	13.231 cm
Package 1 Length	35.5 cm
Package 1 Weight	2.28 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	19.24 kg
Unit Type of Package 3	P06
Number of Units in Package 3	32
Package 3 Height	50 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	84.6 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

WEEE

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

Contractual warranty

Warranty 18 months

Recommended replacement(s)