

Product data sheet

Specifications



EasyLogic PFC Capacitor, 28.5/34.2 kvar - 440 V - 50/60Hz

BLRCS285A342B44

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	28.5 kvar 440 V 50 Hz 34.2 kvar 440 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	440 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 60831-1 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 Weight	2.272 kg
Package 1 Height	13.0 cm
Package 1 width	13.5 cm
Package 1 Length	36.0 cm

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
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
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
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