Product datasheet

Specification





EasyLogic PFC Capacitor, 3/3.6 kvar - 400 V - 50/60Hz

BLRCS030A036B40

! To be discontinued on: Sep 30, 2024

(!) To be discontinued

Main

Product Or Component Type	Standard duty capacitor
Network Frequency	50/60 Hz
Series Name	EasyLogic PFC Capacitor
Network Harmonic Content	<= 10 %
Electrical Parameters	2.7 kvar 380 V 50 Hz
	3.2 kvar 380 V 60 Hz
	3 kvar 400 V 50 Hz
	3.6 kvar 400 V 60 Hz
	3.2 kvar 415 V 50 Hz
	3.9 kvar 415 V 60 Hz
Maximum Permissible Voltage	1.1 x Un (8 hours over 24 hours)
Continuous Overcurrent Capacity	1.5 x ln
Rated Voltage	380415 V AC 50/60 Hz

Complementary

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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 ln
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	Double Faston terminal
Mounting Mode	Vertical
Diameter	50 mm
Height	245 mm
Net Weight	0.7 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	-2555 °C
Relative Humidity	95 %

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	26 cm
Package 1 Width	28 cm
Package 1 Length	10 cm
Package 1 Weight	572 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	3
Package 2 Height	11 cm
Package 2 Width	27 cm
Package 2 Length	28.5 cm
Package 2 Weight	1.72 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	9
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	7.767 kg

Contractual warranty

Warranty 18 months



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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