Product datasheet

Specifications

Green Premium BLRCH680A000B48 Product picture
Schneider Electric

heavy duty PowerLogic PFC Capacitor, 68.0/0 kvar - 480 V - 50Hz

BLRCH680A000B48

Main

Range Of Product	PowerLogic
Product Or Component Type	Heavy duty capacitor
Network Frequency	50/60 Hz
Series Name	HDuty
Network Harmonic Content	<= 20 %
Electrical Parameters	68 kvar 480 V 50 Hz
Maximum Permissible Voltage	1.1 x Un (8 hours over 24 hours)
Continuous Overcurrent Capacity	1.8 x In
Rated Voltage	480 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	250 x In
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	136 mm
Height	321 mm
Net Weight	5.3 kg

Environment

Standards	IEC 60831-2 IEC 60831-1
Ip Degree Of Protection	IP00

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Operating Altitude	2000
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	18.000 cm
Package 1 Width	18.000 cm
Package 1 Length	38.000 cm
Package 1 Weight	5.318 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	2
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	11.286 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	12
Package 3 Height	70.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	75.716 kg

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_2 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	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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