Product datasheet

Specifications

Green Premium™

EasyCan Capacitor - 28.5/34.2 kvar - 440 V - 50/60Hz

BLRCS285A342B44

Price: 158.01 USD

Main

Product Or Component Type	Standard duty capacitor
Network Frequency	50/60 Hz
Series Name	EasyLogic PFC Capacitor
Network Harmonic Content	<= 10 %
Electrical Parameters	28.5 kvar 440 V 50 Hz 34.2 kvar 440 V 60 Hz
Maximum Permissible Voltage	1.1 x Un (8 hours over 24 hours)
Continuous Overcurrent Capacity	1.5 x In
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 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

Environment

Standards	IEC 60831-1 IEC 60831-2
Ip Degree Of Protection	IP20

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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 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	13.0 cm
Package 1 Width	13.5 cm
Package 1 Length	36.0 cm
Package 1 Weight	2.272 kg

Contractual warranty

Warranty	18 months

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

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