

# Product data sheet

Specifications



## EasyCan Capacitor - 3/3.6 kvar - 440 V - 50/60Hz

BLRCS030A036B44

### Main

Range of product	EasyCan
Product or component type	Standard duty capacitor
Network frequency	50/60 Hz
Series name	EasyCan
Network harmonic content	$\leq 10\%$
Electrical parameters	3 kvar 440 V 50 Hz 3.6 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	$< 0.2 \text{ W/kvar}$
Power losses	$< 0.5 \text{ W/kVAr}$
Capacitance tolerance	- 5 % to 10 %
Voltage test	$2.15 \times U_n$ AC between terminals for 10 s $\leq 660 \text{ V} - 3 \text{ kV}$ AC between terminal and container for 10 s $\geq 660 \text{ V} - 6 \text{ kV}$ 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	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	-25...55 °C
Relative humidity	95 %

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	700 g
Package 1 Height	28.5 cm
Package 1 width	27.3 cm
Package 1 Length	37.4 cm
Unit Type of Package 2	CAR
Number of Units in Package 2	1
Package 2 Weight	840 g
Package 2 Height	28 cm
Package 2 width	10 cm
Package 2 Length	26 cm
Unit Type of Package 3	S04
Number of Units in Package 3	15
Package 3 Weight	10.5 kg
Package 3 Height	30 cm
Package 3 width	40 cm
Package 3 Length	60 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
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