Product data sheet
Characteristics

BLRCS250A300B44
EasyLogic PFC Capacitor, 25/30 kvar - 440 V - 50/60Hz



Main

Range	EasyLogic
Product or component type	Standard duty capacitor
Product name	EasyLogic PFC Capacitor
Network frequency	50/60 Hz
Series name	EasyLogic PFC Capacitor
Network harmonic content	<= 10 %
Reactive power rating	25 Kvar 440 V 50 Hz 30 Kvar 440 V 60 Hz
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours)
[Imp] maximum permanent current	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
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	28.000 Cm
Package 1 Width	9.000 Cm
Package 1 Length	9.000 Cm
Package 1 Weight	2.269 Kg
Unit Type of Package 2	S04
Number of Units in Package 2	8
Package 2 Height	30.000 Cm
Package 2 Width	40.000 Cm
Package 2 Length	60.000 Cm
Package 2 Weight	19.404 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	32
Package 3 Height	75.000 Cm
Package 3 Width	60.000 Cm
Package 3 Length	80.000 Cm
Package 3 Weight	86.116 Kg

Offer Sustainability

Recyclability potential, in %	6
Total lifecycle Carbon footprint	342 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	28.00606203715718
Carbon footprint of the manufacturing phase [A1 to A3]	28 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	4.354585553322691
Carbon footprint of the distribution phase [A4]	4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.011378917310066218
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	300.51808395290533
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	301 kg CO2 eq.
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	8.790433368721114
Carbon footprint of the end-of-life phase [C1 to C4]	9 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	342
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
Product contributes to saved and avoided emissions	Yes
End of life manual availability	End Of Life Information

Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised