

Product data sheet
Characteristics

BLRCH182A218B44
VarPlus Can HDuty Capacitor - 18.2/21.8 kvar -
440 V - 50/60Hz



Main

Range of product	VarPlus Can
Product or component type	Heavy duty capacitor
Network frequency	50/60 Hz
Series name	HDuty
Network harmonic content	<= 20 %
Electrical parameters	18.2 Kvar 440 V 50 Hz 21.8 kvar 440 V 60 Hz
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours)
Continuous overcurrent capacity	1.8 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	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	116 mm
Height	242 mm
Net weight	2.5 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 %

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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	2.5 kg
Package 1 Height	57.5 cm
Package 1 width	53.5 cm
Package 1 Length	73.5 cm
Unit Type of Package 2	CAR
Number of Units in Package 2	1
Package 2 Weight	3 kg
Package 2 Height	28 cm
Package 2 width	18 cm
Package 2 Length	18 cm
Unit Type of Package 3	P06
Number of Units in Package 3	15
Package 3 Weight	50.5 kg
Package 3 Height	74 cm
Package 3 width	80 cm
Package 3 Length	60 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
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
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