

Product datasheet

Specifications



VarplusBox SDuty capacitor - 41.7/50 kvar - 400 V - 50/60Hz

BLRBS417A500B40

ⓘ Discontinued

Main

Range Of Product	VarPlus Box
Product Or Component Type	Standard duty capacitor
Network Frequency	50/60 Hz
Series Name	EasyCan
Network Harmonic Content	<= 10 %
Electrical Parameters	37.6 kvar 380 V 50 Hz 45.1 kvar 380 V 60 Hz 41.7 kvar 400 V 50 Hz 50 kvar 400 V 60 Hz 44.9 kvar 415 V 50 Hz 53.8 kvar 415 V 60 Hz
Maximum Permissible Voltage	1.1 x Un (8 hours over 24 hours)
Continuous Overcurrent Capacity	1.5 x In
Rated Voltage	380...415 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	M10 stud with bushing terminal
Mounting Mode	Vertical
Height	455 mm
Width	309 mm
Depth	153 mm

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

Net Weight	8 kg
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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 %

Contractual warranty

Warranty	18 months
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