

Product datasheet

Specifications



VarPlus Box HDuty Capacitor - 20.8/25 kvar - 600 V - 50/60Hz

BLRBH208A250B60

⚠ Discontinued on: 2 May 2023

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Main

Range Of Product	VarPlus Box
Product Or Component Type	Heavy duty capacitor
Network Frequency	50/60 Hz
Series Name	HDuty
Network Harmonic Content	$\leq 20\%$
Electrical Parameters	20.8 kvar 600 V 50 Hz 25 kvar 600 V 60 Hz
Maximum Permissible Voltage	1.1 x Un (8 hours over 24 hours)
Continuous Overcurrent Capacity	1.8 x In
Rated Voltage	600 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 x Un 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	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	M8 stud with bushing terminal
Mounting Mode	Upright
Height	355 mm
Width	309 mm
Depth	153 mm
Net Weight	7.5 kg

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

Environment

Standards	IEC 60831-2 IEC 60831-1
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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