



### Main

Range of product	VarplusBox
Product or component type	Capacitor
Network voltage	440...480 V AC 60 Hz
Network frequency	60 Hz
Network harmonic content	$\leq 25 \%$
Series name	Energy
Reactive power rating	7.5 kvar at 480 V AC 60 Hz 6.3 kvar at 440 V AC 60 Hz
Maximum permissible voltage	1.1 x Un 8 hours over 24 hours
[Imp] maximum permanent current	$\leq 2.5 \times I_n$

### 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) $\geq 660 \text{ V} - 6 \text{ kV AC}$ (between terminal and container for 10 s) $\leq 660 \text{ V} - 3 \text{ kV AC}$ (between terminal and container for 10 s)
Inrush current	400 x In
Switching operation per year	$\leq 10000$
Service life in hours	$\leq 160000 \text{ H}$
	Double metallized paper + PP film, Non-PCB oil
Type of installation	Indoor installation
Connections - terminals	Bushing terminal
Mounting mode	Vertical
Height	355 mm
Width	263 mm
Depth	97 mm
Product weight	4.8 kg

### Environment

Standards	IEC 60831-1 IEC 60831-2
IP degree of protection	IP20 IP54 on request
Operating altitude	2000 m
Ambient air temperature for operation	-25...70 °C
Relative humidity	95 %