



Main

Range of product	VarplusBox
Product or component type	Capacitor
Network voltage	380...400 V AC 60 Hz
Network frequency	60 Hz
Network harmonic content	$\leq 10 \%$
Series name	SDuty
Reactive power rating	25 kvar at 400 V AC 22.6 kvar at 380 V AC 60 Hz
Maximum permissible voltage	1.1 x Un 8 hours over 24 hours
[Imp] maximum permanent current	$\leq 1.5 \times I_n$

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) $\leq 660 \text{ V} - 3 \text{ kV AC}$ (between terminal and container for 10 s) $\geq 660 \text{ V} - 6 \text{ kV AC}$ (between terminal and container for 10 s)
Inrush current	$150 \times I_n$
Switching operation per year	≤ 5000
Service life in hours	$\leq 100000 \text{ H}$
	Metallized PP film, Non-PCB soft PUR resin
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	IP54 on request IP20
Operating altitude	2000 m
Temperature class	D
Ambient air temperature for operation	-25...55 °C
Relative humidity	95 %