



### Main

Range of product	VarplusCan
Product or component type	Capacitor
Network voltage	690 V AC 50 Hz
Network frequency	50 Hz
Network harmonic content	$\leq 20 \%$
Series name	HDuty
Reactive power rating	10 kvar at 690 V AC 50 Hz
Maximum permissible voltage	1.1 x Un 8 hours over 24 hours
[Imp] maximum permanent current	$\leq 1.8 \times I_n$

### Complementary

Dielectric losses	$< 0.2 \text{ W/kvar}$
Power losses	$< 0.5 \text{ W/kvar}$
Capacitance tolerance	- 5 % to 10 %
Voltage test	$\leq 660 \text{ V} - 3 \text{ kV AC}$ (between terminal and container for 10 s) $\geq 660 \text{ V} - 6 \text{ kV AC}$ (between terminal and container for 10 s) $2.15 \times U_n \text{ AC}$ (between terminals for 10 s)
Inrush current	$250 \times I_n$
Switching operation per year	$\leq 7000$
Service life in hours	$\leq 130000 \text{ H}$
	Metallized PP film, special resistivity & profile, special edge (wave cut)
	Non-PCB dry PUR resin
Type of installation	Indoor installation
Connections - terminals	ClampTite terminal 3 cable(s)
Mounting mode	Vertical Horizontal
Diameter	90 mm
Height	242 mm
Product weight	1.6 kg

### Environment

Standards	IEC 60831-2 IEC 60831-1
IP degree of protection	IP54 on request IP30
Operating altitude	2000 m
Temperature class	D
Ambient air temperature for operation	-25...55 °C
Relative humidity	95 %