



Main

Commercial Status	Commercialised
Range of product	VarplusCan
Product or component type	Capacitor
Network frequency	50/60 Hz
Series name	HDuty
Network harmonic content	<= 20 %
Electrical parameters	415 V - 60 Hz: 32.3 kvar 415 V - 50 Hz: 26.9 kvar 400 V - 60 Hz: 30 kvar 400 V - 50 Hz: 25 kvar 380 V - 60 Hz: 27.1 kvar 380 V - 50 Hz: 22.6 kvar
Maximum permissible voltage	1.1 x Un 8 hours over 24 hours
Continuous overcurrent capacity	1.8 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	>= 660 V - 6 kV AC (between terminal and container for 10 s) <= 660 V - 3 kV AC (between terminal and container for 10 s) 2.15 x Un AC (between terminals for 10 s)
Inrush current	250 x In
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	Biodegradable Non-PCB dry PUR resin
Type of installation	Indoor installation
Connections - terminals	ClampTite terminal
Mounting mode	Upright/Horizontal
Diameter	116 mm
Height	242 mm
Product weight	2.5 kg

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 %

RoHS compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(YYWW)	1236

Contractual warranty

Period	18 months
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