



Main

Range of product	VarPlus Can
Product or component type	Capacitor
Network frequency	50/60 Hz
Series name	HDuty
Network harmonic content	$\leq 20 \%$
Electrical parameters	415 V - 50 Hz : 53.8 kvar 400 V - 50 Hz : 50 kvar 380 V - 50 Hz : 45.1 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	$< 0.2 \text{ W/kvar}$
Power losses	$< 0.5 \text{ W/kVAr}$
Capacitance tolerance	- 5 % to 10 %
Voltage test	$\geq 660 \text{ V} - 6 \text{ kV AC}$ (between terminal and container for 10 s) $\leq 660 \text{ V} - 3 \text{ kV AC}$ (between terminal and container for 10 s) $2.15 \times \text{Un AC}$ (between terminals for 10 s)
Inrush current	$250 \times \text{In}$
Switching operation per year	≤ 7000
Service life in hours	$\leq 130000 \text{ h}$
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	Studs
Mounting mode	Upright/Horizontal
Diameter	136 mm
Height	321 mm
Product weight	5.3 kg

Environment

Standards	IEC 60831-1 IEC 60831-2
IP degree of protection	IP00
Operating altitude	2000 m
Temperature class	D
Ambient air temperature for operation	-25...55 °C
Relative humidity	95 %

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 1236 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations