



### Main

Range of product	Varplus <sup>2</sup>
Device short name	Capacitor
Network frequency	50 Hz 60 Hz
Capacitor technology	3P capacitor
Reactive power rating	12.5 kvar for 400 V AC 50 Hz highly polluted 13.5 kvar for 415 V AC 50 Hz highly polluted 12.5 kvar for 400 V AC 50 Hz polluted 13.5 kvar for 415 V AC 50 Hz polluted 14 kvar for 400 V AC 60 Hz polluted 15 kvar for 415 V AC 60 Hz polluted 16.9 kvar for 440 V AC 60 Hz slightly polluted 16.9 kvar for 440 V AC 60 Hz polluted
Network rated voltage	440 V AC 60 Hz 400...415 V AC 50 Hz 400...415 V AC 60 Hz
Network pollution level	Slightly polluted ( ≤ 15 % ) at 440 V 60 Hz Polluted ( > 15...< 25 % ) at 400...415 V 50/60 Hz Polluted ( > 15...< 25 % ) at 440 V 60 Hz Highly polluted with detuned reactor ( > 25...< 50 % ) at 400...415 V 50 Hz
Tuning order	50 Hz 50 Hz

### Complementary

Capacitor protection	High current fault protection by HRC cartridge Low current fault protection by combination of single phase internal overpressure device with the HRC fuse
Capacitor voltage	480 V AC 50 Hz 480 V AC 60 Hz 480 V AC 50 Hz ( with detuned reactor )
Power losses	< 0.5 W/kVAr discharge resistors included
Capacitance tolerance	- 5 % to 10 %
Rated short-duration power frequency withstand voltage	4 kV 50 Hz 1 minute 4 kV 60 Hz 1 minute
[Uimp] rated impulse withstand voltage	15 kV (1.2/50 μs)
Voltage test	2.15 x Un ( 10 s )
[Ures] residual voltage	< 50 V 1 minute with internally fitted discharge resistors

Maximum permissible voltage	1.1 x Un 8 hours over 24 hours conforming to IEC 60831
[Imp] maximum permanent current	1.3 x I1 permanently conforming to IEC 60831
Type of installation	Indoor installation
Colour code	Base : ( RAL 7030 ) Cover : ( RAL 7030 ) Elements : ( RAL 9005 )
Connections - terminals	M8 rods 3 cable(s) at 360°
Earth circuit	Not mandatory
Height	229.5 mm
Width	220.5 mm
Depth	97 mm
Product weight	2.1 kg

## Environment

Standards	CSA C22.2 IEC 60831-1 IEC 60831-2 UL 810
Product certifications	CSA UL
IP degree of protection	IP00 without cover IP20 with protective cover IP42 with protective cover and cable glands
Temperature class	D
Ambient air temperature for operation	-25...55 °C
Average ambient air temperature for operation	35 °C ( average over 1 year ) 45 °C ( average over 24 hours )

## Contractual warranty

Warranty period	18 months
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