

Product datasheet

Specifications



capacitor - Varplus2 - 400/415V - slightly polluted network - 10kvar

51317

 **Discontinued on:** 11 Oct 2023

 **Discontinued**

Main

Range Of Product	Varplus ²
Device Short Name	capacitor
Product Or Component Type	Capacitor
Network Frequency	60 Hz 50 Hz
Capacitor Technology	3P capacitor
Reactive Power Rating	10 kvar for 400 V AC 50 Hz slightly polluted 12 kvar for 400 V AC 60 Hz slightly polluted 13 kvar for 415 V AC 60 Hz slightly polluted 12.3 kvar for 525 V AC 50 Hz slightly polluted 10.75 kvar for 415 V AC 50 Hz slightly polluted
Network Rated Voltage	400 V AC 50 Hz 415 V AC 50 Hz 400 V AC 60 Hz 415 V AC 60 Hz
Network Pollution Level	Slightly polluted (0...15 %) at 525 V 50 Hz Slightly polluted (0...15 %) at 400 V 50/60 Hz Slightly polluted (0...15 %) at 415 V 50/60 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	415 V AC, 50 Hz 415 V AC, 60 Hz 550 V AC, 50 Hz
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

Disclaimer: 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

Colour Code	Base: RAL 7030 Cover: RAL 7030 Elements: RAL 9005
Connections - Terminals	M8 rods3 cable(s)
Earth Circuit	Not mandatory
Height	229.5 mm
Width	220.5 mm
Depth	97 mm
Net Weight	2.1 kg

Environment

Standards	IEC 60831-2 IEC 60831-1 CSA C22.2 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	18 months
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