

Product data sheet

Specifications



fixed PowerLogic PFC Capacitor bank

GCR_VLVFF4P

Main

Reactive Power Rating	200 kvar 87.5 kvar 137.5 kvar 50 kvar 100 kvar 175 kvar 125 kvar 150 kvar 75 kvar
Operating Mode	Fixed
Range Of Product	PowerLogic
Device Short Name	fixed capacitor bank

Complementary

Network Pollution Level	Polluted
[Gh/Sn] Harmonic Pollution Rate	25...50 %
Tuning Factor	3.8 4.2 2.7
Capacitor Technology	HDuty
Poles Description	3P
Capacitance Tolerance	- 5 % to 10 %
[Ui] Rated Insulation Voltage	690 V
[Uimp] Rated Impulse Withstand Voltage	8 kV
Maximum Permissible Voltage	1.1 x Un (8 hours over 24 hours) conforming to IEC 60831
[Imp] Maximum Permanent Current	1.12 x In for 2.7 (tuning factor) conforming to IEC 60831 1.19 x In for 3.8 (tuning factor) conforming to IEC 60831 1.31 x In for 4.2 (tuning factor) conforming to IEC 60831
Colour	White (RAL 9003)
Maximum Weight	319 kg
Height	1300 mm
Width	800 mm capacitor: 800 mm detuned reactor:
Depth	300 mm

Environment

Standards	IEC 61439-1 IEC 61439-2 IEC 61921
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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

Mounting Location	Indoor
Ik Degree Of Protection	IK10
Relative Humidity	0...95 %
Operating Altitude	<= 2000 m
Ambient Air Temperature For Operation	-5...40 °C
Average Ambient Air Temperature For Operation	35 °C (over 24 hours)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	220 cm
Package 1 Width	80 cm
Package 1 Length	60 cm
Package 1 Weight	319 kg