

Product data sheet

Specifications



automatic PowerLogic PFC Capacitor bank

GCR_VLVAF5N

Main

Reactive Power Rating	500 kvar 350 kvar 400 kvar 450 kvar 600 kvar 550 kvar
Operating Mode	Automatic
Range Of Product	PowerLogic
Device Short Name	automatic capacitor bank

Complementary

Network Pollution Level	Low polluted
[Gh/Sn] Harmonic Pollution Rate	0...25 %
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	1.3 x In conforming to IEC 60831
Colour	White (RAL 9003)
Maximum Weight	434 kg
Height	2200 mm
Width	800 mm
Depth	600 mm

Environment

Standards	IEC 61921 IEC 61439-2 IEC 61439-1
Mounting Location	Indoor
Ik Degree Of Protection	IK10
Relative Humidity	0...95 %
Operating Altitude	<= 2000 m
Ambient Air Temperature For Operation	-5...40 °C

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

Average Ambient Air Temperature 35 °C (over 24 hours)
For Operation

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	434 kg

Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins