

Product data sheet

Specifications



automatic PowerLogic PFC Capacitor bank

GCR_VLVAF6P

Main

| | |
|-----------------------|--|
| Reactive Power Rating | 250 kvar 275 kvar 350 kvar 550 kvar 225 kvar 300 kvar 450 kvar 500 kvar 400 kvar 600 kvar |
| Operating Mode | Automatic |
| Range Of Product | PowerLogic |
| Device Short Name | automatic capacitor bank |

Complementary

| | |
|--|---|
| Network Pollution Level | Polluted |
| [Gh/Sn] Harmonic Pollution Rate | 25...50 % |
| Tuning Factor | 4.2 3.8 2.7 |
| Capacitor Technology | HDuty |
| Poles Description | 3P |
| Capacitance Tolerance | - 5 % to 10 % |
| [Ui] Rated Insulation Voltage | 800 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 | 952 kg |
| Height | 2200 mm |
| Width | 800 mm capacitor: 800 mm detuned reactor: |
| Depth | 600 mm |

Environment

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

| | |
|---|---|
| Standards | IEC 61439-2 IEC 61921 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 |
| 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 | 140 cm |
| Package 1 Length | 60 cm |
| Package 1 Weight | 447 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 |