

Product data sheet

Specifications



automatic EasyLogic PFC Capacitor bank, 125kVar, with circuit breaker

VLVAW2L125A40A

Main

| | |
|---------------------------|----------------------------------|
| Network Rated Voltage | 400 V AC 50 Hz 415 V AC 50 Hz |
| Reactive Power Rating | 125 kvar |
| Operating Mode | Automatic |
| Range | PowerLogic |
| Device Short Name | automatic capacitor bank |
| Product Or Component Type | Capacitor bank |

Complementary

| | |
|---|--|
| Network Pollution Level | No polluted |
| [Gh/Sn] Harmonic Pollution Rate | 0...15 % |
| [Thdu] Total Harmonic Distorsion Of Voltage | 0...3 % |
| Power Per Step | 25 kvar |
| Step Composition | 25 + 2x50 |
| Location Of Connection | Top |
| Controller Type | PowerLogic PFC Controller VPL6 |
| Capacitor Technology | EasyLogic PFC Capacitor |
| 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 | Battery: 1.36 x In at 400 V conforming to IEC 61439-2 Battery: 1.19 x In at 415 V conforming to IEC 61439-2 Capacitor: 1.5 x In at 480 V conforming to IEC 60831 |
| Main Incomer Protection | Circuit breaker protection |
| Breaking Capacity | Icu 35 kA |
| Control Type | Rotary handle |
| Step Protection Type | Overload: harmonic control from PowerLogic PFC Controller Short-circuit: main circuit breaker |
| Accessibility For Operation | Front |
| Colour | Grey (RAL 7035) |
| Maximum Weight | 131 kg |

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

| | |
|------------------------------|--|
| Height | 1000 mm |
| Width | 800 mm |
| Depth | 300 mm |
| Provided Equipment | Auxiliary transformer |
| Internal Voltage Transformer | 400/230 V - 250 VA |
| Function Available | GenSet shedding contact Alarm contact |

Environment

| | |
|---|---|
| Standards | IEC 61921 IEC 61439-2 IEC 61439-1 |
| Product Certifications | ASEFA EAC CE |
| Mounting Location | Indoor |
| Ip Degree Of Protection | Environment: IP31 |
| Ik Degree Of Protection | IK10 |
| Relative Humidity | 0...95 % |
| Operating Altitude | <= 2000 m |
| Ambient Air Temperature For Operation | -5...45 °C |
| Average Ambient Air Temperature For Operation | 35 °C (annual) 45 °C (over 24 hours) |

Packing Units

| | |
|------------------------------|----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 117.0 cm |
| Package 1 Width | 80.0 cm |
| Package 1 Length | 120.0 cm |
| Package 1 Weight | 70.0 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 |