

# Product datasheet

Specifications



## VarSet capacitor bank Auto 250kvar with incomer CB xxB 400V 50Hz

VLVAW3N03514AA

**Price: 154,090.36 ZAR**

### Main

Network Rated Voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive Power Rating	250 kvar
Operating Mode	Automatic
Range	PowerLogic
Device Short Name	automatic capacitor bank
Product Or Component Type	Capacitor bank

### Complementary

Network Pollution Level	Low polluted
[Gh/Sn] Harmonic Pollution Rate	15...25 %
[Thdu] Total Harmonic Distorsion Of Voltage	3...4 %
Power Per Step	25 kvar
Step Composition	2x25 + 4x50
Location Of Connection	Bottom
Controller Type	PowerLogic PFC Controller VPL6
Capacitor Technology	PowerLogic 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	Capacitor: 1.8 x In at 480 V conforming to IEC 60831 Battery: 1.43 x In at 400 V conforming to IEC 61439-2 Battery: 1.19 x In at 415 V conforming to IEC 61439-2
Main Incomer Protection	Circuit breaker protection
Breaking Capacity	Icu 50 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	175 kg

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>Height</b>	1200 mm
<b>Width</b>	1000 mm
<b>Depth</b>	300 mm
<b>Provided Equipment</b>	Auxiliary transformer
<b>Internal Voltage Transformer</b>	400/230 V - 400 VA
<b>Function Available</b>	GenSet shedding contact Alarm contact

## Environment

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

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	134.0 cm
<b>Package 1 Width</b>	80.0 cm
<b>Package 1 Length</b>	120.0 cm
<b>Package 1 Weight</b>	145.5 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-CO<sub>2</sub> 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

Circularity Profile [End of Life Information](#)