Product datasheet

Specifications

Green Premium™

VarSet capacitor bank Auto 350kvar with incomer CB xxB 400V 50Hz

VLVAF5N03517AA

Price: 269,187.67 ZAR

Main

Network Rated Voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive Power Rating	350 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	50 kvar
Step Composition	50 + 3x100
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: fuse
Accessibility For Operation	Front
Colour	Grey (RAL 7035)
Maximum Weight	434 kg

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

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	2200 mm
Width	800 mm
Depth	600 mm
Provided Equipment	Auxiliary transformer
Internal Voltage Transformer	400/230 V - 630 VA
Function Available	GenSet shedding contact Alarm contact

Environment

Standards	IEC 61439-1 IEC 61921 IEC 61439-2
Product Certifications	CE ASEFA EAC
Mounting Location	Indoor
Ip Degree Of Protection	Environment: IP31 Safety: IPxx B
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	80.0 cm
Package 1 Width	120.0 cm
Package 1 Length	231.0 cm
Package 1 Weight	297.0 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-CO_2 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