

# Product datasheet

Specifications



## VarSet capacitor bank Auto 600kvar DR4.2 with incommuter CB xxB 400V 50Hz

VLVAF6P03522AD

⚠ Discontinued on: 01 Dec 2024

⚠ To be discontinued

**Price: 516,151.01 ZAR**

### Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	600 kvar
Operating mode	Automatic
Range	PowerLogic
Device short name	automatic capacitor bank with detuned reactor
Product or component type	Capacitor bank

### Complementary

Network pollution level	Polluted
[Gh/Sn] harmonic pollution rate	25...50 %
[THDU] total harmonic distortion of voltage	4...7 %
Tuning factor	4.2
Tuning frequency	210 Hz
Power per step	100 kvar
Step composition	6x100
Location of connection	Bottom
Controller type	PowerLogic PFC Controller VPL6
capacitor technology	PowerLogic PFC Capacitor + Detuned Reactor
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	Capacitor: 1.8 x In at 480 V conforming to IEC 60831 Battery: 1.31 x In at 400 V conforming to IEC 61439-2 Battery: 1.19 x In at 415 V conforming to IEC 61439-2
main incommuter 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

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

<b>Accessibility for operation</b>	Front
<b>Colour</b>	Grey (RAL 7035)
<b>maximum weight</b>	952 kg
<b>Height</b>	2200 mm
<b>Width</b>	Capacitor: 800 mm Detuned reactor: 600 mm
<b>Depth</b>	600 mm
<b>Provided equipment</b>	Auxiliary transformer
<b>Internal voltage transformer</b>	400/230 V - 1000 VA
<b>Function available</b>	GenSet shedding contact Alarm contact

## Environment

<b>Standards</b>	IEC 61921 IEC 61439-2 IEC 61439-1
<b>Product certifications</b>	EAC ASEFA 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>	230.0 cm
<b>Package 1 Width</b>	80.0 cm
<b>Package 1 Length</b>	156.0 cm
<b>Package 1 Weight</b>	776.0 kg

## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Total lifecycle Carbon footprint 78376

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant with Exemptions

REACH Regulation [REACH Declaration](#)

#### Energy efficiency

Product contributes to saved and avoided emissions Yes

### Use Longer

#### Lifetime extension

Repair No

### Use Again

#### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

WEEE Label The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins