

Product datasheet

Specifications



fixed PowerLogic PFC Capacitor bank, 50kvar with incomer CB Top entry 400V 50Hz

VLVFW1N03506AA

⚠ Discontinued on: 01 Dec 2024

⚠ To be discontinued

Price: 55,252.27 ZAR

Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	50 kvar
Operating mode	Fixed
Range	PowerLogic
Device short name	fixed capacitor bank
Product or component type	Capacitor bank

Complementary

Network pollution level	Low polluted
[Gh/Sn] harmonic pollution rate	15...25 %
[THDU] total harmonic distortion of voltage	3...4 %
Power per step	50 kvar
Step composition	50
Location of connection	Top
capacitor technology	PowerLogic PFC Capacitor
Poles description	3P
Capacitance tolerance	- 5 % to 10 %
[Ui] rated insulation voltage	690 V
[Uimp] rated impulse withstand voltage	6 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 35 kA
Accessibility for operation	Front
Colour	Grey (RAL 7035)
maximum weight	64 kg
Height	700 mm
Width	600 mm

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

Depth	300 mm
Provided equipment	Auxiliary transformer
Internal voltage transformer	400/230 V - 100 VA
Function available	Alarm contact GenSet shedding contact

Environment

Standards	IEC 61921 IEC 61439-2 IEC 61439-1
Product certifications	EAC ASEFA CE
Mounting location	Indoor
IP degree of protection	Safety: IPxx B Environment: IP54
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	87.0 cm
Package 1 Width	80.0 cm
Package 1 Length	120.0 cm
Package 1 Weight	33.0 kg

Contractual warranty

Warranty (in months)	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 4187

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