

Product datasheet

Specifications



automatic PowerLogic PFC Capacitor bank, 100kvar DR3,8 xxB 400V 50Hz

VLVA4P03508AB

⚠ Discontinued on: 01 Nov 2020

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Main

Network Rated Voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive Power Rating	100 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 Distorsion Of Voltage	4...7 %
Tuning Factor	3.8
Tuning Frequency	190 Hz
Power Per Step	12.5 kvar
Step Composition	2x12.5 + 25 + 50
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	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: 1.19 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	Without protection
[Icw] Rated Short-Time Withstand Current	30 kA at 1 s (Icw)
Step Protection Type	Overload: step circuit breaker Short-circuit: step circuit breaker
Accessibility For Operation	Front

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

Colour	Grey (RAL 7035)
Maximum Weight	334 kg
Height	1300 mm
Width	800 mm capacitor: 800 mm detuned reactor:
Depth	300 mm
Provided Equipment	Auxiliary transformer
Internal Voltage Transformer	400/230 V - 400 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

Contractual warranty

Warranty	18 months
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