Product data sheet

Specifications

automatic PowerLogic PFC Capacitor bank, 225kvar DR3,8 with incomer CB xxB 400V 50Hz

VLVAF6P03513AA

⚠ **Discontinued**

Main

Network Rated Voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive Power Rating	225 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	25 kvar
Step Composition	25 + 4x50
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: 1.19 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	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	952 kg
Height	2200 mm
Width	800 mm capacitor: 600 mm detuned reactor:
Depth	600 mm
Provided Equipment	Auxiliary transformer
Internal Voltage Transformer	400/230 V - 1000 VA
Function Available	Alarm contact GenSet shedding contact

Environment

Standards	IEC 61439-2 IEC 61439-1 IEC 61921
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

Apr 25, 2024