VLVAF5P03517AA

automatic PowerLogic PFC Capacitor bank, 350kvar DR3,8 with incomer CB xxB 400V 50Hz





Main

Mani	
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 with detuned reactor
Product or component	Capacitor bank
type	

Complementary

Network pollution level	Polluted
[Gh/Sn] harmonic pollution rate	2550 %
[THDU] total harmonic distorsion of voltage	47 %
Tuning factor	3.8
Tuning frequency	190 Hz
Power per step	50 kvar
Step composition	50 + 3x100
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	450 kg
Height	2200 mm
Width	800 mm
Depth	600 mm
Provided equipment	Auxiliary transformer
Internal voltage transformer	400/230 V - 630 VA
Function available	Alarm contact GenSet shedding contact

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Environment

Standards	IEC 61439-2
	IEC 61439-1
	IEC 61921
Product certifications	ASEFA[RETURN]CE[RETURN]EAC
Mounting location	Indoor
IP degree of protection	Environment: IP31
	Safety: IPxx B
IK degree of protection	IK10
Relative humidity	095 %
Operating altitude	<= 2000 m
Ambient air temperature for operation	-545 °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 cm	
Package 1 Width	120 cm	
Package 1 Length	230 cm	
Package 1 Weight	322 kg	

Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	☑ REACh Declaration	
EU RoHS Directive	Compliant with Exemptions	
Mercury free	Yes	
China RoHS Regulation	China RoHS Declaration	
RoHS exemption information	₫Yes	
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	