Product data sheet
Characteristics

VLVFF2P03512AB
fixed PowerLogic PFC Capacitor bank, 200kvar DR3,8 400V 50Hz

Green Premium™

Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	200 kvar
Operating mode	Fixed
Range	PowerLogic
Device short name	fixed 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	200 kvar
Step composition	200
Location of connection	Bottom
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	35 kA at 1 s (Icw)
Accessibility for operation	Front
Colour	Grey (RAL 7035)
Maximum weight	320 kg
Height	1400 mm
Width	800 mm
Depth	600 mm
Provided equipment	Auxiliary transformer
Internal voltage transformer	400/230 V - 100 VA
Function available	GenSet shedding contact Alarm contact

Environment

Standards	IEC 61439-1 IEC 61439-2 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	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)

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins