Product data sheet
Characteristics

VLVAF6P03522AA
VarSet capacitor bank Auto 600kvar DR3,8 with incomer CB xxB 400V 50Hz



Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	600 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	100 kvar
Step composition	6x100
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	GenSet shedding contact Alarm contact

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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Environment

Standards	IEC 61439-2 IEC 61921 IEC 61439-1
Product certifications	ASEFA CE 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
Package 1 Height	230.000 cm
Package 1 Width	157.000 cm
Package 1 Length	80.000 cm
Package 1 Weight	703.000 kg

Offer Sustainability

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

Contractual warranty

Warranty	18 months