Product data sheet
Characteristics

VLVAW3N03516AB
VarSet capacitor bank Auto 300kvar xxB 400V 50Hz



Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	300 kvar
Operating mode	Automatic
Range	PowerLogic
Device short name	Automatic capacitor bank
Product or component type	Capacitor bank

Complementary

Network pollution level	Low polluted
[Gh/Sn] harmonic pollution rate	15…25 %
[THDU] total harmonic distorsion of voltage	3…4 %
Power per step	50 kvar
Step composition	6x50
Location of connection	Bottom
Controller type	PowerLogic PFC Controller VPL6
Capacitor technology	PowerLogic PFC Capacitor
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: 1.43 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: harmonic control from PowerLogic PFC Controller Short-circuit: upstream protection
Accessibility for operation	Front
Colour	Grey (RAL 7035)
Maximum weight	175 kg
Height	1200 mm
Width	1000 mm
Depth	300 mm
Provided equipment	Auxiliary transformer
Internal voltage transformer	400/230 V - 400 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 61439-1 IEC 61921 IEC 61439-2
Product certifications	CE[RETURN]ASEFA[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)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	134.000 cm
Package 1 Width	80.000 cm
Package 1 Length	120.000 cm
Package 1 Weight	163.000 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