

Product data sheet

Characteristics

VLVAF7N03537AA

VarSet capacitor bank Auto 1000kvar with
incomer CB xxB 400V 50Hz



Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	1000 kvar
Operating mode	Automatic
Range	VarSet
Device short name	VarSet automatic
Product or component type	Capacitor bank

Complementary

Network pollution level	Low polluted
[Gh/Sn] harmonic pollution rate	15...25 %
[THDU] total harmonic distortion of voltage	3...4 %
Power per step	50 kvar
Step composition	2x50 + 9x100
Location of connection	Bottom
Controller type	Varplus Logic VPL12 Modbus
Capacitor technology	VarplusCan
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	Circuit breaker protection
Breaking capacity	Icu 65 kA
Control type	Rotary handle
Step protection type	Overload: harmonic control from VarPlus Logic Short-circuit: fuse
Accessibility for operation	Front
Colour	Grey (RAL 7035)
Maximum weight	868 kg
Height	2200 mm
Width	1600 mm
Depth	600 mm
Provided equipment	Auxiliary transformer
Internal voltage transformer	400/230 V - 630 VA
Function available	GenSet shedding contact Alarm contact

Environment

Standards	IEC 61439-1 IEC 61439-2 IEC 61921
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

Package 1 Weight	718.000 kg
Package 1 Height	23.100 dm
Package 1 width	16.000 dm
Package 1 Length	12.000 dm