VLVAF8P03539AA

VarSet capacitor bank Auto 1150kvar DR3,8 with incomer CB xxB 400V 50Hz

Green Premium™ Product

Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	1150 kvar
Operating mode	Automatic
Range	VarSet
Device short name	VarSet automatic with detuned reactors
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	50 kvar
Step composition	50 + 11x100
Location of connection	Bottom
Controller type	Varplus Logic VPL12 Modbus
Capacitor technology	VarplusCan + detuned reactors
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 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	1904 kg
Height	2200 mm
Width	1600 Mm capacitor: 1200 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

Environment

Standards	IEC 61439-1 IEC 61921 IEC 61439-2
Product certifications	ASEFA EAC CE
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	1.972 kg
Package 1 Height	23.000 dm
Package 1 width	16.000 dm
Package 1 Length	15.600 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
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