



Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	450 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	50 + 4x100
Location of connection	Bottom
Controller type	Varplus Logic VPL6 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 50 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	434 kg
Height	2200 mm
Width	800 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 61921 IEC 61439-1 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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	326 kg
Package 1 Height	80 cm
Package 1 width	120 cm
Package 1 Length	231 cm

Offer Sustainability

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