



### Main

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	500 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 + 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	Without protection
[Icw] rated short-time withstand current	35 kA at 1 s (Icw)
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	Alarm contact GenSet shedding contact


## Environment

Standards	IEC 61921 IEC 61439-1 IEC 61439-2
Product certifications	CE EAC ASEFA
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	323 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	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins