



**Main**

Network rated voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive power rating	800 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 distortion of voltage	4...7 %
Tuning factor	3.8
Tuning frequency	190 Hz
Power per step	50 kvar
Step composition	2x50 + 7x100
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
[Uiimp] 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 61921 IEC 61439-1 IEC 61439-2
Product certifications	EAC ASEFA 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	987.000 kg
Package 1 Height	230.000 cm
Package 1 width	160.000 cm
Package 1 Length	156.000 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>
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