



Main

Network rated voltage	400 V AC 60 Hz 415 V AC 60 Hz
Reactive power rating	600 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	4...7 %
Tuning factor	2.7
Tuning frequency	162 Hz
Power per step	100 Kvar
Step composition	2x50 + 5x100
Location of connection	Bottom
Controller type	Varplus Logic VPL12 Modbus
Series name	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: 1.12 x In at 400 V conforming to IEC 61439-2 Battery: 1.19 x In at 415 V conforming to IEC 61439-2
Protection type	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)
Net weight	952 Kg
Height	2200 Mm

Width	800 Mm capacitor: 600 Mm detuned reactor:
Depth	600 Mm
Provided equipment	Auxiliary transformer
Internal voltage transformer	400/230 V - 1000 VA
Function available	Alarm contact GenSet shedding contact

Environment

Standards	IEC 61439-2 IEC 61921 IEC 61439-1
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	952 Kg
Package 1 Height	230 Cm
Package 1 width	80 Cm
Package 1 Length	156 Cm
Unit Type of Package 2	PAL
Number of Units in Package 2	1
Package 2 Weight	986 Kg
Package 2 Height	230 Cm
Package 2 width	80 Cm
Package 2 Length	156 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
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

Product Life Status : **Commercialised**