



Main

Network rated voltage	480 V AC 60 Hz
Reactive power rating	500 kvar
Operating mode	Automatic & transient free
Range of product	VarSet
Device short name	VarSet detuned
Product or component type	Capacitor bank
Controller type	Varplus Logic VPL12 Modbus
Capacitor technology	VarPlus Can + Detuned reactor
Accessibility for operation	Front
Color	Grey (ASA 49)

Complementary

Network pollution level	Low polluted
[THDv] Total Harmonic Distortion	0...5 %
THDI	0...8 %
Tuning factor	4.2
Tuning frequency	252 Hz
Power per step	100 kvar
Step composition	5x100
Location of connection	Top
Internal voltage transformer	480/120 V
Poles description	3P
Capacitance tolerance	- 5 % to 10 %
Maximum permissible voltage	1.1 x Un (8 hours over 24 hours)
Protection type	Main lug
Incoming connection short circuit rating	65 kA at 4 cycles
Maximum weight	2645.55 lb(US) (1200 kg)
Height	1524 mm
Width	1524 mm
Depth	36.02 in (915 mm)
Mounting location	Indoor

Environment

Standards	CSA C22.2 No 190-M1985
NEMA degree of protection	NEMA 1
Mechanical degree of protection	IK10
Relative humidity	0...95 %
Operating altitude	<= 6561.68 ft (2000 m)
Ambient air temperature for operation	14...104 °F (-10...40 °C)
Average ambient air temperature for operation	30 °C annual)

Ordering and shipping details

Category	00086 - VARSET AV6000 CTO LV CAP BANK (CTO)
Discount Schedule	DE2C
Package weight(Lbs)	2400 lb(US) (1088.62 kg)
Returnability	No

Offer Sustainability

EU RoHS Directive	Under investigation
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