

### Main

Network rated voltage	480 V AC 60 Hz
Reactive power rating	300 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	Gray 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	50 kvar
Step composition	50 + 50 + 2x100
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	Circuit breaker protection
Breaking capacity	65 kA
Control Type	Rotary handle
Maximum weight	1748.27 lb(US) (793 kg)
Height	91.50 in (2324 mm)
Width	30.00 in (762 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)

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### Ordering and shipping details

Category	00086 - VARSET AV6000 CTO LV CAP BANK (CTO)
Discount Schedule	DE2C
Package weight(Lbs)	1500 lb(US) (680.39 kg)
Returnability	No

### Offer Sustainability

EU RoHS Directive	Under investigation
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