



Main

Network rated voltage	480 V AC 60 Hz
Reactive power rating	400 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	4x100
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 4 cycles
Maximum weight	1748.27 lb(US) (793 kg)
Height	60.00 in (1524 mm)
Width	30.00 in (762 mm)
Maximum 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)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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
-------------------	---------------------