



Main

Network rated voltage	480 V AC 60 Hz
Reactive power rating	175 kvar
Operating mode	Automatic
Range of product	VarSet
Device short name	VarSet automatic with detuned reactors
Product or component type	Capacitor bank
Controller type	Varplus Logic VPL6 Modbus
Capacitor technology	VarPlus Can + Detuned reactor
Accessibility for operation	Front
Color	Gray RAL 7035)

Complementary

Network pollution level	Polluted
[THDv] Total Harmonic Distortion	0...7 %
Tuning factor	4.2
Tuning frequency	252 Hz
Power per step	25 kvar
Step composition	25 + 3x50
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	25 kA 3 cycles
Maximum weight	585 Lb(US) (265.35 kg) 584.23 lb(US) (265 kg)
Height	47.24 in (1200 mm) 47.2 in (1198.88 mm)
Width	Capacitor 31.50 in (800 mm) Detuned reactor 19.69 in (500 mm) Capacitor 31.5 in (800.10 mm) Detuned reactor 19.69 in (500.13 mm)
Maximum Depth	15.7 in (398.78 mm) 15.75 in (400 mm)
Mounting location	Indoor






Environment

Standards	UL 810 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	00049 - PWR FACT. CAP-FIXED LOW V.
Discount Schedule	DE2C
Package weight(Lbs)	200 lb(US) (90.72 kg)
Returnability	No

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information