

# Product data sheet

Specifications



## automatic PowerLogic PFC Capacitor bank, transient free, Lugs (6000s) 1200 kVar, 480 V - Top - NEMA 1

AT120046AVBF3N

Product availability: Non-Stock - Not normally stocked in  
distribution facility

Price\*: 515,099.38 USD

### Main

Network Rated Voltage	480 V AC 60 Hz
Reactive Power Rating	1200 kvar
Operating Mode	Automatic & transient free
Range Of Product	PowerLogic
Device Short Name	PowerLogic PFC Smart
Product Or Component Type	Capacitor bank
Controller Type	PowerLogic PFC Controller VPL12
Capacitor Technology	PowerLogic PFC Capacitor + 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	150 kvar
Step Composition	8x150
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	3306.94 lb(US) (1500 kg)
Height	91.50 in (2324 mm)
Width	90.00 in (2286 mm)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

Depth	36.02 in (915 mm)
Mounting Location	Indoor

## Environment

Standards	CSA C22.2 No 190-M1985
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	US1DE2C00087
Discount Schedule	DE2C
Returnability	No

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Weight	4200.00 lb(US) (1905.088 kg)

# Sustainability

**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

Eu Rohs Directive	Under investigation
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>