

# Product data sheet

Specifications

Schneider Electric BV050046AV8F2N

Picture

⚠ Discontinued

automatic PowerLogic PFC  
Capacitor bank, standard,  
CB (6000s) 0500 kVar, 480  
V - Top - NEMA 1

BV050046AV8F2N

⚠ Discontinued on: Jan 26, 2023

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

## Main

Network Rated Voltage	480 V AC 60 Hz
Reactive Power Rating	500 kvar
Operating Mode	Automatic & transient free
Range Of Product	PowerLogic
Device Short Name	PowerLogic PFC detuned
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	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	Circuit breaker protection
Breaking Capacity	65 kA
Control Type	Rotary handle
Maximum Weight	2846.17 lb(US) (1291 kg)

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

Height	60.00 in (1524 mm)
Width	60.00 in (1524 mm)
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	US1DE2C00086
Discount Schedule	DE2C
Gtin	3606486794197
Returnability	No
Country Of Origin	US

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	91.50 in (232.4 cm)
Package 1 Width	60.00 in (152.4 cm)
Package 1 Length	35.83 in (91 cm)
Package 1 Weight	2600.00 lb(US) (1179.34 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

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