

# Product data sheet

Specifications



## automatic PowerLogic PFC Capacitor bank, standard, Lugs (6000s) 0300 kVar, 480 V - Top - NEMA 1

AV030046BV5F1N

! Discontinued

! Discontinued on: Mar 17, 2022

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

### Main

|                             |  |
|-----------------------------|--|
| Network Rated Voltage       | 480 V AC 60 Hz                             |
| Reactive Power Rating       | 300 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                           | 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                          | Main lug                        |
| Incoming Connection Short Circuit Rating | 65 kA 4 cycles                  |
| Maximum Weight                           | 1448.44 lb(US) (657 kg)         |
| Height                                   | 91.50 in (2324 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

|                   |                   |
|-------------------|-------------------|
| Width             | 30.00 in (762 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              | 3606486794050 |
| 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              | 30.00 in (76.2 cm)          |
| Package 1 Length             | 36.02 in (91.5 cm)          |
| Package 1 Weight             | 1400.00 lb(US) (635.029 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

---