

# Product data sheet

Specifications



## fixed PowerLogic PFC Capacitor base, 175kvar 400-415V/50Hz

VLVB309

### Main

Network Rated Voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive Power Rating	175 kvar
Operating Mode	Fixed
Range Of Product	PowerLogic
Device Short Name	fixed capacitor bank

### Complementary

Network Pollution Level	Low polluted
[Gh/Sn] Harmonic Pollution Rate	0...25 %
[Thdu] Total Harmonic Distorsion	0...5 %
Capacitor Technology	HDuty
Step Protection Type	Overload: step circuit breaker Short-circuit: step circuit breaker
Poles Description	3P
Capacitance Tolerance	- 5 % to 10 %
[Ui] Rated Insulation Voltage	690 V
[Uimp] Rated Impulse Withstand Voltage	2.5 kV
Maximum Permissible Voltage	1.1 x Un (8 hours over 24 hours) conforming to IEC 60831
[Imp] Maximum Permanent Current	1.8 x In at 400 V conforming to IEC 60831
Colour	White (RAL 9003)
Location Of Connection	Top or bottom
Maximum Weight	116 kg
Height	1200 mm
Width	800 mm
Depth	300 mm

### Environment

Standards	IEC 61439-1 IEC 61439-2 IEC 61921
Mounting Location	Indoor
Ik Degree Of Protection	IK10

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

Relative Humidity	0...95 %
Operating Altitude	<= 2000 m
Ambient Air Temperature For Operation	-5...40 °C
Average Ambient Air Temperature For Operation	35 °C (over 24 hours)

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.0 cm
Package 1 Width	2.0 cm
Package 1 Length	3.0 cm
Package 1 Weight	116.0 kg

## Contractual warranty

Warranty	18 months
----------	-----------

# 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	Not applicable, out of EU RoHS legal scope
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information