

Product data sheet

Specifications



automatic PowerLogic PFC
Capacitor base, 500kvar 440V/50Hz
tuning factor 3.8

VLVB241

Main

Network Rated Voltage	440 V AC 50 Hz
Reactive Power Rating	500 kvar
Operating Mode	Automatic
Range Of Product	PowerLogic
Device Short Name	automatic capacitor bank with detuned reactor

Complementary

Network Pollution Level	Polluted
[Gh/Sn] Harmonic Pollution Rate	25...50 %
[Thdu] Total Harmonic Distorsion	5...8 %
Tuning Factor	3.8
Tuning Frequency	190 Hz
Capacitor Technology	HDuty + detuned reactors
Poles Description	3P
Capacitance Tolerance	- 5 % to 10 %
[Ui] Rated Insulation Voltage	800 V
[Uimp] Rated Impulse Withstand Voltage	8 kV
Maximum Permissible Voltage	1.1 x Un (8 hours over 24 hours) conforming to IEC 60831
[Imp] Maximum Permanent Current	1.19 x In at 440 V conforming to IEC 60831
Colour	White (RAL 9003)
Maximum Weight	952 kg
Height	2200 mm
Width	800 mm capacitor: 600 mm detuned reactor:
Depth	600 mm

Environment

Standards	IEC 61439-2 IEC 61439-1 IEC 61921
Mounting Location	Indoor
Ik Degree Of Protection	IK10
Relative Humidity	0...95 %

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

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 Weight	952 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-CO₂ 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
