

# Product data sheet

Specifications



automatic PowerLogic PFC  
Capacitor base, 450kvar 400-415V/  
50Hz tuning factor 4.2

VLVB206

## Main

Network Rated Voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive Power Rating	450 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	4.2
Tuning Frequency	210 Hz
Step Sequences	1.2.2
Power Per Step	50 kvar
Step Composition	50 + 4x100
Capacitor Technology	HDuty + detuned reactors
Step Protection Type	Overload: step circuit breaker Short-circuit: step circuit breaker
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	1.31 x In at 400 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

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

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

## Contractual warranty

Warranty	18 months
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## 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 >](#)

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**Eu Rohs Directive**

Not applicable, out of EU RoHS legal scope

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