Product data sheet

Specifications

automatic PowerLogic PFC Capacitor base, 100kvar 480V/60Hz tuning factor 4.2

VLVB129

Main

Network Rated Voltage	480 V AC 60 Hz
Reactive Power Rating	100 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
Capacitor Technology	HDuty + detuned reactors
Poles Description	3P
Capacitance Tolerance	- 5 % to 10 %
[Ui] Rated Insulation Voltage	690 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 480 V conforming to IEC 60831
Colour	White (RAL 9003)
Maximum Weight	334 kg
Height	1300 mm
Width	800 mm capacitor: 800 mm detuned reactor:
Depth	300 mm

Environment

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 Weight	334 kg

Contractual warranty

Warranty	18 months

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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