

Product data sheet

Specifications



fixed PowerLogic PFC Capacitor
base, 75kvar 400-415V/50Hz tuning
factor 2.7

VLVB329

Main

Network Rated Voltage	400 V AC 50 Hz 415 V AC 50 Hz
Reactive Power Rating	75 kvar
Operating Mode	Fixed
Range Of Product	PowerLogic
Device Short Name	fixed 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	2.7
Tuning Frequency	135 Hz
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	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	319 kg
Height	1200 mm
Width	800 mm capacitor: 800 mm detuned reactor:
Depth	300 mm

Environment

Standards	IEC 61439-1 IEC 61439-2 IEC 61921
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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

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	319.0 kg

Contractual warranty

Warranty	18 months
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Sustainability

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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.

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[Guide to assess a product’s sustainability >](#)

Eu Rohs Directive	Not applicable, out of EU RoHS legal scope
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information