

Product data sheet

Specifications



automatic PowerLogic PFC Capacitor base, 550kvar 440V/50Hz

VLVB172

Main

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|-----------------------|--------------------------|
| Network Rated Voltage | 440 V AC 50 Hz |
| Reactive Power Rating | 550 kvar |
| Operating Mode | Automatic |
| Range Of Product | PowerLogic |
| Device Short Name | automatic capacitor bank |

Complementary

| | |
|--|--|
| Network Pollution Level | Low polluted |
| [Gh/Sn] Harmonic Pollution Rate | 0...25 % |
| [Thdu] Total Harmonic Distorsion | 0...5 % |
| Capacitor Technology | HDuty |
| 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 | 1.3 x In at 440 V conforming to IEC 60831 |
| Colour | White (RAL 9003) |
| Maximum Weight | 434 kg |
| Height | 2200 mm |
| Width | 800 mm |
| 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 % |
| Operating Altitude | <= 2000 m |
| Ambient Air Temperature For Operation | -5...40 °C |

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

| | |
|---|-----------------------|
| Average Ambient Air Temperature For Operation | 35 °C (over 24 hours) |
|---|-----------------------|

Packing Units

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|------------------------------|--------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Weight | 434 kg |

Contractual warranty

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|----------|-----------|
| 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-CO₂ products.

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 >](#)

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|-------------------|--|
| Eu Rohs Directive | Not applicable, out of EU RoHS legal scope |
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