



Main

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|---------------------------|---|
| Network rated voltage | 400 V AC 50 Hz 415 V AC 50 Hz |
| Reactive power rating | 300 kvar |
| Operating mode | Automatic |
| Range | PowerLogic |
| Device short name | automatic capacitor bank with detuned reactor |
| Product or component type | Capacitor bank |

Complementary

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| Network pollution level | Polluted |
| [Gh/Sn] harmonic pollution rate | 25...50 % |
| [THDU] total harmonic distortion of voltage | 4...7 % |
| Tuning factor | 4.2 |
| Tuning frequency | 210 Hz |
| Power per step | 50 kvar |
| Step composition | 2x50 + 2x100 |
| Location of connection | Bottom |
| Controller type | PowerLogic PFC Controller VPL6 |
| Capacitor technology | PowerLogic PFC Capacitor + Detuned Reactor |
| 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 | Capacitor: 1.8 x In at 480 V conforming to IEC 60831 Battery: 1.31 x In at 400 V conforming to IEC 61439-2 Battery: 1.19 x In at 415 V conforming to IEC 61439-2 |
| Main incomer protection | Without protection |
| [Icw] rated short-time withstand current | 35 kA at 1 s (Icw) |
| Step protection type | Overload: harmonic control from PowerLogic PFC Controller Short-circuit: fuse |
| Accessibility for operation | Front |
| Colour | Grey (RAL 7035) |
| Maximum weight | 400 kg |
| Height | 2000 mm |
| Width | 800 mm |
| Depth | 600 mm |
| Provided equipment | Auxiliary transformer |
| Internal voltage transformer | 400/230 V - 630 VA |
| Function available | Alarm contact GenSet shedding contact |

Environment

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|---|---|
| Standards | IEC 61439-2 IEC 61921 IEC 61439-1 |
| Product certifications | CE[RETURN]ASEFA[RETURN]EAC |
| Mounting location | Indoor |
| IP degree of protection | Environment: IP31 Safety: IPxx B |
| IK degree of protection | IK10 |
| Relative humidity | 0...95 % |
| Operating altitude | <= 2000 m |
| Ambient air temperature for operation | -5...45 °C |
| Average ambient air temperature for operation | 35 °C (annual) 45 °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 Height | 210.0 cm |
| Package 1 Width | 80.0 cm |
| Package 1 Length | 120.0 cm |
| Package 1 Weight | 412.0 kg |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |