



## Main

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Network rated voltage     | 400 V AC 50 Hz<br>415 V AC 50 Hz              |
| Reactive power rating     | 250 kvar                                      |
| Operating mode            | Automatic                                     |
| Range                     | PowerLogic                                    |
| Device short name         | automatic capacitor bank with detuned reactor |
| Product or component type | Capacitor bank                                |

## Complementary

|                                             |                                                                                                                                                                        |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network pollution level                     | Polluted                                                                                                                                                               |
| [Gh/Sn] harmonic pollution rate             | 25...50 %                                                                                                                                                              |
| [THDU] total harmonic distortion of voltage | 4...7 %                                                                                                                                                                |
| Tuning factor                               | 3.8                                                                                                                                                                    |
| Tuning frequency                            | 190 Hz                                                                                                                                                                 |
| Power per step                              | 50 kvar                                                                                                                                                                |
| Step composition                            | 50 + 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<br>Battery: 1.19 x In at 400 V conforming to IEC 61439-2<br>Battery: 1.19 x In at 415 V conforming to IEC 61439-2 |
| Main incomer protection                     | Circuit breaker protection                                                                                                                                             |
| Breaking capacity                           | Icu 50 kA                                                                                                                                                              |
| Control type                                | Rotary handle                                                                                                                                                          |
| Step protection type                        | Overload: harmonic control from PowerLogic PFC Controller<br>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<br>GenSet shedding contact                                                                                                                               |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

|                                               |                                         |
|-----------------------------------------------|-----------------------------------------|
| Standards                                     | IEC 61439-2<br>IEC 61921<br>IEC 61439-1 |
| Product certifications                        | CE[RETURN]ASEFA[RETURN]EAC              |
| Mounting location                             | Indoor                                  |
| IP degree of protection                       | Environment: IP31<br>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)<br>45 °C (over 24 hours) |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 80.0 cm  |
| Package 1 Width              | 120.0 cm |
| Package 1 Length             | 210.0 cm |
| Package 1 Weight             | 322.0 kg |

## Offer Sustainability

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