



**Main**

|                           |                                  |
|---------------------------|----------------------------------|
| Network rated voltage     | 400 V AC 50 Hz<br>415 V AC 50 Hz |
| Reactive power rating     | 1000 kvar                        |
| Operating mode            | Automatic                        |
| Range                     | VarSet                           |
| Device short name         | VarSet automatic                 |
| Product or component type | Capacitor bank                   |

**Complementary**

|   |  |
|---|--|
| Network pollution level                     | Low polluted   |
| [Gh/Sn] harmonic pollution rate             | 15...25 %  |
| [THDU] total harmonic distortion of voltage | 3...4 %  |
| Power per step                              | 50 kvar  |
| Step composition                            | 2x50 + 9x100   |
| Location of connection                      | Bottom   |
| Controller type                             | Varplus Logic VPL12 Modbus   |
| Capacitor technology                        | VarplusCan   |
| Poles description                           | 3P   |
| Capacitance tolerance                       | - 5 % to 10 %  |
| [Ui] rated insulation voltage               | 690 V  |
| [Uiimp] 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: 1.43 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                     | Without protection   |
| [Icw] rated short-time withstand current    | 35 kA at 1 s (Icw)   |
| Step protection type                        | Overload: harmonic control from VarPlus Logic<br>Short-circuit: fuse   |
| Accessibility for operation                 | Front  |
| Colour                                      | Grey (RAL 7035)  |
| Maximum weight                              | 868 kg   |
| Height                                      | 2200 mm  |
| Width                                       | 1600 mm  |
| Depth                                       | 600 mm   |
| Provided equipment                          | Auxiliary transformer  |
| Internal voltage transformer                | 400/230 V - 630 VA   |
| Function available                          | Alarm contact<br>GenSet shedding contact   |

## Environment

|   |   |
|---|---|
| Standards                                     | IEC 61439-1<br>IEC 61921<br>IEC 61439-2 |
| Product certifications                        | EAC<br>ASEFA<br>CE                      |
| 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

|                  |            |
|------------------|------------|
| Package 1 Weight | 983.000 kg |
| Package 1 Height | 231.000 cm |
| Package 1 width  | 160.000 cm |
| Package 1 Length | 120.000 cm |

## Offer Sustainability

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