



### Main

|                               |  |
|-------------------------------|--|
| Range of product              | VarSet   |
| Device short name             | Varset Harmony                                   |
| Device presentation           | Cubicle A2                                       |
| Network frequency             | 50 Hz  |
| Capacitor technology          | 3P capacitor                                     |
| Reactive power rating         | 50 kvar for 400 V AC 50 Hz                       |
| Number of steps               | 4 x 12.5 kvar                                    |
| Network rated voltage         | 400...415 V AC 50 Hz                             |
| Network pollution level       | Highly polluted ( > 25...< 50 % ) at 400...415 V |
| [Ui] rated insulation voltage | 690 V  |

### Complementary

|  |  |
|--|--|
| Device composition                                     | Circuit-breaker equipment protection<br>Contactor<br>Controller equipment regulation<br>Detuned reactors<br>Incoming circuit-breaker equipment protection<br>Varplus <sup>2</sup> capacitors |
| Device wiring  | Cables   |
| Internal voltage transformer                           | 400/230 V  |
| Capacitor voltage                                      | 480 V AC 50 Hz   |
| Tuning order   | 3.8 - 190 Hz   |
| Capacitance tolerance                                  | - 5 % to 10 %  |
| Rated short-duration power frequency withstand voltage | 2.5 kV 50 Hz 1 minute  |
| Maximum permissible voltage                            | 1.1 x Un   |
| [Imp] maximum permanent current                        | 400 V : 1.19 x I1  |
| Colour code  | ( RAL 9001 )   |
| Height   | 1100 mm  |
| Width  | 800 mm   |
| Depth  | 600 mm   |
| Product weight   | 135 kg   |

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

## Environment

|   |   |
|---|---|
| Standards                                     | IEC 61921<br>IEC 60439-1<br>EN 60439-1      |
| IP degree of protection                       | IP31  |
| Ambient air temperature for operation         | -5...40 °C                                  |
| Average ambient air temperature for operation | 25 °C ( annual )<br>35 °C ( over 24 hours ) |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|