

# Product datasheet

Specifications



## capacitor bank - Varset Harmony - with CB - 400/415V - 1200kvar - 2.7 - 12x100

65664

! Discontinued

! Discontinued on: 31 Dec 2013

! End-of-service on: 23 Jun 2023

### Main

|                               |                                      |
|-------------------------------|--------------------------------------|
| Range Of Product              | VarSet                               |
| Device Short Name             | Varset Harmony                       |
| Product Or Component Type     | Capacitor bank                       |
| Device Presentation           | Cubicles A4B + A4B                   |
| Network Frequency             | 50 Hz                                |
| Capacitor Technology          | 3P capacitor                         |
| Reactive Power Rating         | 1200 kvar for 400 V AC 50 Hz         |
| Number Of Steps               | 12 x 100 kvar                        |
| Network Rated Voltage         | 400 V AC 50 Hz<br>415 V AC 50 Hz     |
| Network Pollution Level       | Highly polluted (25...50 %) at 400 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                                              | 2.7 - 135 Hz                                                                                                                                                                                 |
| Capacitance Tolerance                                     | - 5 % to 10 %                                                                                                                                                                                |
| Rated Short-Duration Power<br>Frequency Withstand Voltage | 2.5 kV 50 Hz 1 minute                                                                                                                                                                        |
| Maximum Permissible Voltage                               | 1.1 x Un                                                                                                                                                                                     |
| [Imp] Maximum Permanent<br>Current                        | 400 V: 1.12 x I1                                                                                                                                                                             |
| Colour Code                                               | RAL 9001                                                                                                                                                                                     |
| Height                                                    | 2000 mm                                                                                                                                                                                      |
| Width                                                     | 4300 mm                                                                                                                                                                                      |
| Depth                                                     | 600 mm                                                                                                                                                                                       |

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

|            |         |
|------------|---------|
| Net Weight | 1580 kg |
|------------|---------|

## Environment

|                                               |                                         |
|-----------------------------------------------|-----------------------------------------|
| Standards                                     | IEC 61921<br>EN 60439-1<br>IEC 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) |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type Of Package 1       | PCE     |
| Number Of Units In Package 1 | 1       |
| Package 1 Height             | 205 cm  |
| Package 1 Width              | 430 cm  |
| Package 1 Length             | 60 cm   |
| Package 1 Weight             | 1655 kg |

## Contractual warranty

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