

# Product datasheet

Specifications



## capacitor bank - Varset Harmony - 400/415V - 75kvar - 3.8 - 3x25

65711

⚠ Discontinued on: 31 Dec 2013

⚠ End-of-service on: 23 Jun 2023

⚠ Discontinued

### Main

|                               |                                      |
|-------------------------------|--------------------------------------|
| Range Of Product              | VarSet                               |
| Device Short Name             | Varset Harmony                       |
| Product Or Component Type     | Capacitor bank                       |
| Device Presentation           | Cubicle A2                           |
| Network Frequency             | 50 Hz                                |
| Capacitor Technology          | 3P capacitor                         |
| Reactive Power Rating         | 75 kvar for 400 V AC 50 Hz           |
| Number Of Steps               | 3 x 25 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                                              | 3.8 - 190 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: 1.19 x I1                                                                                                                                                                             |
| Colour Code                                               | RAL 9001                                                                                                                                                                                     |
| Height                                                    | 1100 mm                                                                                                                                                                                      |
| Width                                                     | 800 mm                                                                                                                                                                                       |
| Depth                                                     | 600 mm                                                                                                                                                                                       |
| Net Weight                                                | 155 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                                     | EN 60439-1<br>IEC 61921<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             | 110.0 cm |
| Package 1 Width              | 80.0 cm  |
| Package 1 Length             | 60.0 cm  |
| Package 1 Weight             | 169.0 kg |

## Contractual warranty

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