

Product datasheet

Specifications



capacitor bank - Varset Harmony - 400/415V - 500kvar - 2.7 - 10x50

65647

⚠ 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 A4
Network Frequency	50 Hz
Capacitor Technology	3P capacitor
Reactive Power Rating	500 kvar for 400 V AC 50 Hz
Number Of Steps	10 x 50 kvar
Network Rated Voltage	400 V AC 50 Hz 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 Contactor Controller equipment regulation Detuned reactors Incoming circuit-breaker equipment protection Varplus ² 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 Frequency Withstand Voltage	2.5 kV 50 Hz 1 minute
Maximum Permissible Voltage	1.1 x Un
[Imp] Maximum Permanent Current	400 V: 1.12 x I1
Colour Code	RAL 9001
Height	2000 mm
Width	1600 mm
Depth	600 mm
Net Weight	640 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 60439-1 EN 60439-1 IEC 61921
Ip Degree Of Protection	IP31
Ambient Air Temperature For Operation	-5...40 °C
Average Ambient Air Temperature For Operation	25 °C (annual) 35 °C (over 24 hours)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	205.0 cm
Package 1 Width	160.0 cm
Package 1 Length	60.0 cm
Package 1 Weight	680.0 kg

Contractual warranty

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