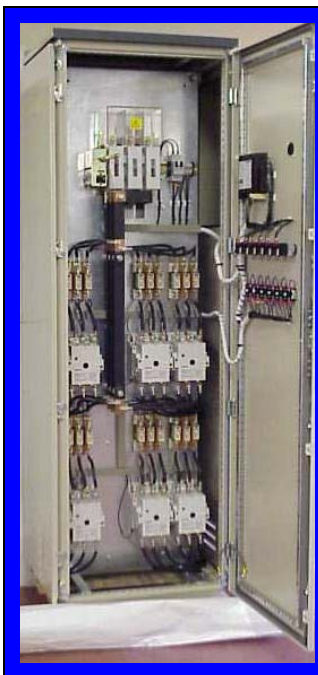




Varmatic Senator

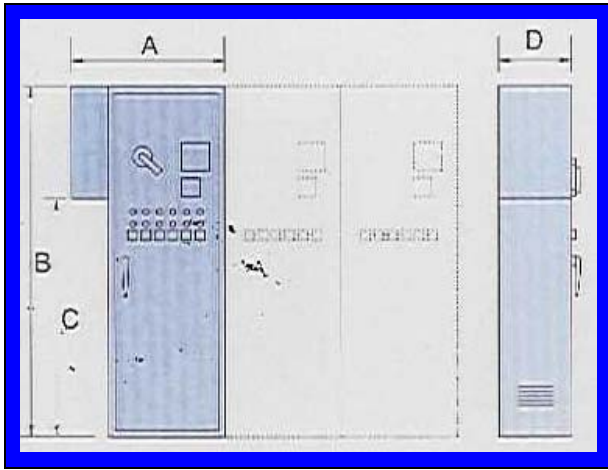
A range of high integrity power capacitors, in a prestige enclosure, featuring automatically controlled switching stages, designed to meet the need of the larger electrical system with a fluctuating load.

Self-healing, non-toxic capacitors made into an assembly with switching stages from 10-50KVAR, and overall bank rating a maximum of 900KVAR at 415V, 3 phase, 50Hz. Other system voltages available are 400, 415, 440, 550 and 660V.



All assemblies are fitted with stage energised indication, and a multistage electronic microprocessor controller is usually fitted to 'sense' the system requirement for power factor correction capacitance.





Number of Stages	Maximum KVA _r	DIMENSIONS			
		A	B	C	D
1-6	300	800	1800	1200	600
7-8	400	1000	2000	1400	800
9-12	600	1400	1800	1200	600

The details listed in the above table are provided for guidance only. For a more accurate specification, and details of larger sizes, please contact our Technical Department on 01355 265959.

OPTIONS

- Main circuit breaker can be fitted instead of isolator.
- Indicator lamps to show capacitor out of circuit.
- Remote indication facility.
- Integral 96mm x 96mm system power factor indicator.
- Paint finish and cubicle size to individual customer specifications.

NATIONWIDE SERVICE

Detailed recommendations after 'on-site' survey.

After sales back-up and service.

PCB collection and legal disposal.



STANDARDS

Capacitors - IEC 831, IEC 70/70A

Isolators - IEC 408, BS5419.

VOLTAGE

400, 415, 440, 550 and 660V,
single and 3 phase, 50Hz or 60Hz.

TEMPERATURE

0°C to +35°C

SAFETY FEATURES

- Self healing polypropylene dielectric capacitors.
- Two part electrical and mechanical protection for capacitor elements under fault conditions.
- Internal discharge resistors fitted on capacitors.
- Individual stage HRC fuse protection.
- Individual stage capacitor rated 3 pole contactor.
- Overall door interlocked on-load isolator.
- Heat resisting cable used throughout.
- Fast acting microprocessor, matching capacitance requirement to load conditions.
- Lockable front access hinged door, access only to authorised personnel.

This document is the property of SDC Industries Ltd, and is issued for guidance purposes only – please contact our Engineering Dept on 01355 265959 for the exact specification of this product.

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