

## Electrotek Filtered Real Time Automatic Unit

### Capacitor Specification

<b>Manufactured by</b>	Vishay Electronic GmbH (Roederstein), Germany
<b>Voltage Ratings</b>	240 - 999 V
<b>Maximum kVAr per 3 phase casing (60 Hz)</b>	13.6 kVAr @ 208V (rated 16.3 kVAr @ 240V) 25.0 kVAr @ 480V (rated 30.0 kVAr @ 525V) 25.0 kVAr @ 600V (rated 33.0 kVAr @ 690V) 10.0 kVAr @ 600V (rated 28.0 kVAr @ 999V)
<b>Specifications</b>	UL and cUL, CSA CAN3-C155-M84 (1986), CSA C22.2 No. 190-M1985, IEC Publication 831-1, 831-2, VDE 560-47, 560-47, EN60831-1, EN60831-2
<b>Insulation (wet and dry options)</b>	wet, 'Ro' series: non-PCB, natural oil impregnant, flash / ignition points 285/315°C dry, 'Rg' series: non-PCB, dry / gas agent  'Ro' and 'Rg' series are both biodegradable and non-toxic.
<b>Electrodes</b>	vacuum-metallized on one side of the plastic film
<b>Ambient Temperature</b>	-40°C to +45°C; storage temperature -40°C to +60°C
<b>Inrush Current</b>	maximum 300 times rated current
<b>Loading Capacity</b>	1.10 times rated voltage, 1.30 times rated current, 1.50 times rated output
<b>Frequency Ratings</b>	50 or 60 Hz
<b>Capacitor Casing</b>	seamless aluminum
<b>Losses</b>	≤ 0.25 Watts per kVAr
<b>Discharge Resistors</b>	50V or less in one minute after disconnection of supply voltage
<b>Dielectric</b>	polypropylene film
<b>Safety Features</b>	self-healing over pressure tear-off fuse / pressure sensitive circuit interrupter / internally fused up to 10kAIC, grounding / mounting stud at base of capacitor for easy mounting / replacement
<b>Special Applications</b>	designed for use in harmonic filters

### Assembly Specification

	Electrotek Filtered Real Time Automatic Unit
<b>Complete with:</b>	SCR switching diodes c/w: HRC fusing
	iron core 3 phase reactors for harmonic contaminated environments
	ventilation kit to maximum ambient 35C
	digital microprocessor controller, split core CT, NEMA 1 ASA61 grey enclosure



## Electrotek Filtered Real Time Automatic Unit

Available Options	Electrotek Filtered Real Time Automatic Unit
	blown fuse indicators
	disconnect device
	custom enclosures for dimension restrictions
	NEMA 2, 3R, 4, 4X or 12 enclosures
	custom enclosure paint options