

## Electrotek Model R1400 - Filtered Automatic Capacitor Bank

We offer a full line of custom high voltage capacitors. For any high voltage product not referred to below, please contact us.

<b>Assembly Specification</b>	<b>Electrotek Model R1400</b>
<b>Complete with:</b>	3 pole vacuum contactors, c/w: HRC fusing and inrush current limiters
	iron core 3 phase reactors for harmonic contaminated environments
	air correction kits (ventilation / anti-condensation / heat / airconditioning)
	digital microprocessor controller
	NEMA 1 ASA 61 grey enclosure

<b>Available Options</b>	<b>Electrotek Model R1400</b>
	blown fuse indicators
	capacitor element fusing
	pressure monitoring device
	real time (transient free) switching
	disconnect device
	NEMA 2, 3R or 12 enclosure, or rack mount design
	custom enclosure paint options
	custom enclosures for dimension restrictions

<b>Capacitor Specification</b>	
<b>Manufactured by</b>	Vishay Electronic GmbH (Roederstein), Germany
<b>Voltage Ratings</b>	2400V, 4160V, 4800V
<b>Maximum kVAr per 3 phase casing (60 Hz)</b>	500 kVAr @ 2400V 500 kVAr @ 4160V 500 kVAr @ 4800V

<b>Specifications</b>	CSA CAN3-C155-M84 (1986), CSA C22.2 No.190, IEC 60871-1, VDE 560/4, AS 2897, ANSI IEEE Std.18, NEMA CP-1, BS 1650
<b>Insulation</b>	non-PCB, natural oil impregnant
<b>Ambient Temperature</b>	-35EC to +45EC
<b>Loading Capacity</b>	1.10 times rated voltage, 1.80 times rated current
<b>Frequency Ratings</b>	60 Hz
<b>Capacitor Casing</b>	stainless steel
<b>Losses</b>	# 0.05 Watts per kVAr
<b>Discharge Resistors</b>	50V or less in five minutes after disconnection of supply voltage
<b>Dielectric</b>	polypropylene film
<b>Safety Features</b>	self-healing
<b>Special Applications</b>	designed for use in harmonic filters

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