

Electrotek Model R1400 - Automatic Power Factor Correction Unit

Vishay (Roederstein) offers a full line of custom high voltage capacitors. For any high voltage product not referred to below, please contact Electrotek Ltd.

Capacitor Specification

Manufactured by	Vishay Electronic GmbH (Roederstein), Germany
Voltage Ratings	2400V, 4160V, 4800V
Maximum kVAr per 3 phase casing (60 Hz)	500 kVAr @ 2400V 500 kVAr @ 4160V 500 kVAr @ 4800V custom sizes up to 15kV
Specifications	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
Insulation	non-PCB, natural oil impregnant
Ambient Temperature	-35°C to +45°C
Loading Capacity	1.10 times rated voltage, 1.80 times rated current
Frequency Ratings	60 Hz
Capacitor Casing	stainless steel
Losses	≤ 0.05 Watts per kVAr
Discharge Resistors	50V or less in five minutes after disconnection of supply voltage
Dielectric	polypropylene film
Safety Features	self-healing
Special Applications	designed for use in harmonic filters (see page 2)

Assembly Specification

	Electrotek Model R1400
Complete with:	3 pole vacuum contactors c/w: HRC fusing & inrush current limiters
	air correction kits (ventilation / anti-condensation / heat / air-conditioning)
	NEMA 1 powder coated enclosure



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Available Options	Electrotek Model R1400
	capacitor element fusing
	blown fuse indicators
	pressure monitoring device
	iron core reactors for harmonic filtering (tuned / detuned)
	custom enclosures for dimension restrictions
	NEMA 2, 3R, 4X or 12 powder coated enclosures or rack mount design