



### Electrotek Drive Filter - EDFi - Impact

#### 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

	<b>Electrotek Drive Filter - EDFi - Impact</b>
<b>Complete with:</b>	iron core 3 phase reactors for harmonic contaminated environments
	impact line reactor
	IEC rated contactors, c/w: pre-charge coils & HRC fusing
	ventilation kit
	NEMA 1 enclosure



## Electrotek Drive Filter - EDFi - Impact

Available Options	Electrotek Drive Filter - EDFi - Impact
	NEMA 2, 3R or 12 enclosures
	panel mount design