



ISO-9000-2008

# Harmonic Filter for Drives

## T – Series Filters



Ratings from  
3.5kW to 350kW  
AC / DC Drives

Current THD  $\leq$  12%

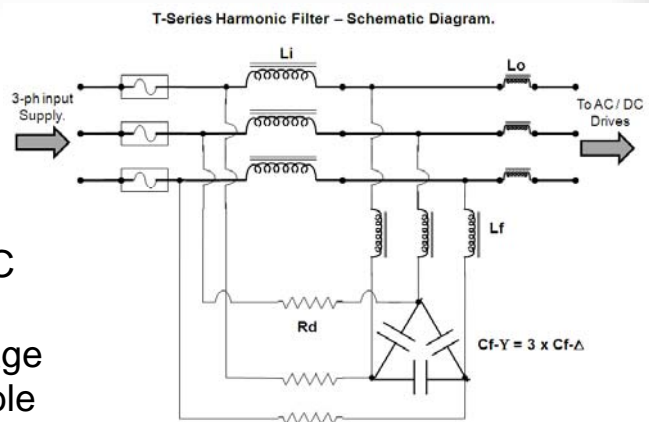
No Electro-Mechanical  
or Semiconductors  
- Rugged Design.

*Enhanced  
Performance  
Harmonic  
Filtering*

*TAS PowerTek – Leading through Technology!*

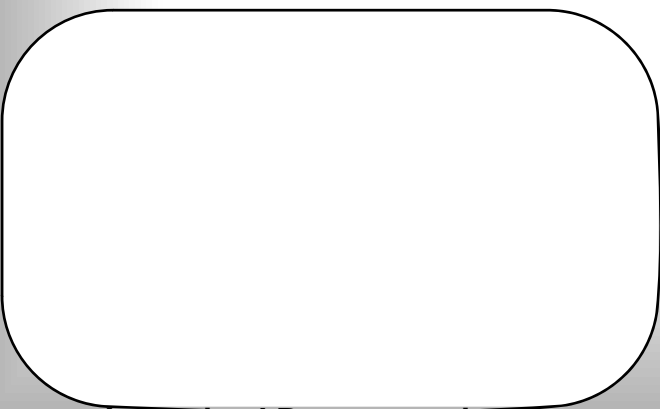
## Features:

- Rugged / Maintenance free design.
- Assured reduction in current harmonics to less than 15% THD value.
- Input provided with safety HRC fuses.
- No significant output overvoltage or Voltage overshoot for reliable operation of the AC/DC drives or UPS systems.
- Two years Manufacturing / quality assurance warranty.
- Model with in-built cooling fans for enhanced long life performance.
- Models suitable for Stiff or Soft harmonic generating 3-phase six pulse converter type loads.
- Completely enclosed design with suitability for IP-32 encl.
- Suitable for harmonic generating six pulse converter type loads with maximum Current THD of up to 60%.



## Specifications:

- Mains I/P: 208, 380, 415, 484Vac
- Load Current THD  $\leq$  60%
- Operating Temp: 0 to 55°C
- Maximum Overload: 110% continuous.
- Maximum Output Voltage  $\leq$  110% of input Voltage.
- Maximum Output Voltage overshoot  $\leq$  115% or rated voltage
- Watt Loss  $\leq$  0.8% of kW value at rated supply voltage value.
- Maximum Input Current THD % from 20% to 100% loading  $\leq$  15%



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