

**For Immediate
Release****KRF Series Filter Product Line Expansion
Popular RFI Power Line Filter now Available in 480 Volt
Design**

TCI is proud to announce a significant addition to the popular KRF Series 3-Phase RFI Power Line Filters.

KRF filters are used with low voltage AC drives in order to reduce Electro-magnetic Interference (EMI) and Radio Frequency Interference (RFI). There are two types of EMI. Conducted EMI is unwanted high frequencies that ride on the AC wave form. Radiated EMI is like an unwanted radio broadcast throughout the installation. These unwanted frequencies can cause malfunctions in related equipment such as lighting disturbances, incorrect metering, flow metering fluctuation, T.V. and radio interference, and even thermostat control problems. KRF Filters remove this unwanted high frequency noise by using a combination of inductors and capacitors while still allowing the lower power line frequencies to continue untouched. KRF filters have been successfully installed with AC drive systems of all brands and makes, worldwide.

The KRF Series 3-Phase RFI Power Line Filter is now available in a 480 Volt design as well as the original 600 Volt design. The new KRF has a maximum operating voltage of 480 Volts while maintaining or improving the performance that is expected from all of TCI's products. The new design retains the advanced two-stage filtering of the original design, and supports Delta connected loads.

The new 480 Volt KRF filters are not only recognized to UL-1283, but they are also CE approved. This eliminates the need for custom configuration or on-site inspections for approval, reducing overall system cost. The 600 Volt KRF filters remain recognized to UL-1283.

The addition of the 480 Volt product line, with some minor changes to the original design, means that there is a more cost effective solution for systems with a voltage requirement up to and including 480 Volts. No de-rating or re-rating is necessary when applying the filter at lower voltages.

The existing 600 Volt product line will have a price change go into effect on December 4th, 2002. For pricing information on the KRF filters please feel free to visit our website at www.transcoil.com or contact us at (800) TCI-8282.

TCI's mission is to be the leading provider, as defined by their customers, of products and support that increase the value and improve the overall system performance of power inverters.



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KRF Series 3-Phase RFI Power Line Filter

480 Volt

Model Number	Amps	Watts Loss	Frequency (MHz)			Insertion Loss (dB)			Dimensions (Inches)
			0.15	0.5	1	5	10	30	
			CM/DM	CM/DM	CM/DM	CM/DM	CM/DM	CM/DM	
KRF9ATB	9	9	60/30	80/45	80/50	70/50	60/50	50/50	L 8.10" x W 4.50" x D 2.00"
KRF16ATB	16	10.5	50/10	70/50	80/50	75/40	65/40	50/40	L 8.10" x W 4.50" x D 2.00"
KRF32CTB	32	17	60/10	70/45	80/50	75/50	65/50	45/40	L 10.10" x W 5.75" x D 2.25"
KRF50ATB	50	21	60/10	75/40	80/50	75/50	70/50	50/40	L 10.10" x W 5.75" x D 2.25"
KRF60APT	60	15	60/15	70/25	70/45	65/40	55/40	45/30	L 16.00" x W 4.75" x D 4.25"
KRF80APT	80	25	60/15	70/25	70/45	65/40	55/40	45/30	L 16.00" x W 4.75" x D 4.25"
KRF112APT	112	25	60/25	65/35	70/45	60/30	50/30	40/20	L 16.00" x W 4.75" x D 4.25"
KRF136APT	136	22	60/25	65/35	70/45	60/30	50/30	40/20	L 16.00" x W 4.75" x D 4.25"
KRF160APT	160	15	60/30	70/35	70/35	65/45	55/40	45/30	L 20.25" x W 4.75" x D 4.25"
KRF185APT	185	20	60/30	70/35	70/35	65/45	55/40	45/30	L 20.25" x W 4.75" x D 4.25"
KRF322APT	322	30	60/30	70/40	70/40	65/40	55/35	45/20	L 23.50" x W 6.00" x D 4.63"
KRF608APT	608	60	60/30	70/40	70/40	60/35	45/30	30/20	L 41.25" x W 7.09" x D 5.93"

600 Volt

Model Number	Amps	Watts Loss	Frequency (MHz)			Min. Insertion Loss (dB)			Dimensions (Inches)
			0.15	0.5	1	5	10	30	
			CM/DM	CM/DM	CM/DM	CM/DM	CM/DM	CM/DM	
KRF8CTB	8	7	55/5	70/10	80/50	70/40	60/40	45/40	L 8.10" x W 4.50" x D 2.00"
KRF16CTB	16	7.5	50/5	70/5	80/35	70/40	60/40	45/40	L 8.10" x W 4.50" x D 2.00"
KRF25CTB	25	10	60/5	60/5	80/30	70/50	60/40	45/30	L 10.10" x W 5.75" x D 2.25"
KRF45CTB	45	16	60/10	60/10	80/15	70/50	60/40	45/30	L 10.10" x W 5.75" x D 2.25"
KRF60CPT	60	11	60/15	60/25	60/25	65/40	50/40	40/30	L 16.00" x W 4.75" x D 4.25"
KRF80CPT	80	20	60/15	60/25	60/25	60/40	50/40	40/30	L 16.00" x W 4.75" x D 4.25"
KRF180CPT	180	22	60/20	60/30	60/35	60/45	50/40	40/30	L 20.25" x W 4.75" x D 4.25"
KRF300CPT	300	30	60/20	55/30	55/35	50/35	40/30	30/20	L 26.50" x W 7.09" x D 5.93"
KRF600CPT	600	70	20/10	60/25	60/35	50/30	40/25	30/20	L 41.25" x W 7.09" x D 5.93"

For additional information contact TCI at www.transcoil.com or by calling 1-800-TCI-8282.



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