

SOLUTIONS BY



MISSION CRITICAL FACILITIES  
DESIGN AND CONSTRUCTION

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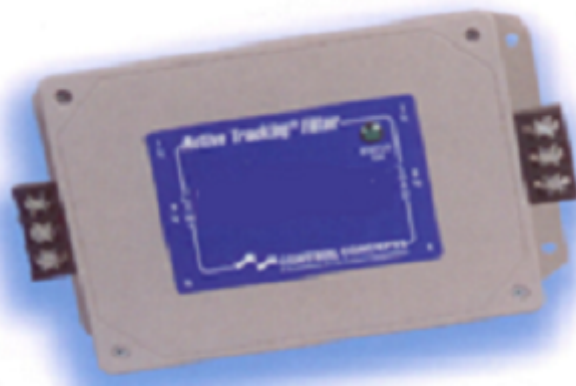
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• 1 Year Warranty •



## Active Tracking Filter

### Flexi IC+/LRIC + Filter Series

#### Features

- Connecting high-frequency noise filter with transient protection.
- Offer the flexible of either receptacle/line cord connection or hire-wired connection to critical load (up to 30 Amperes)
- Typical reduces normal mode transients to +/- 2 Volts
- Surge current capacity- 45,000 Amps
- Transient protection in all modes: line to neutral, Line to Ground and Neutral to Ground.
- LED power indication
- UL 1283, CSA recognized
- Comes with one year warranty include labour and parts



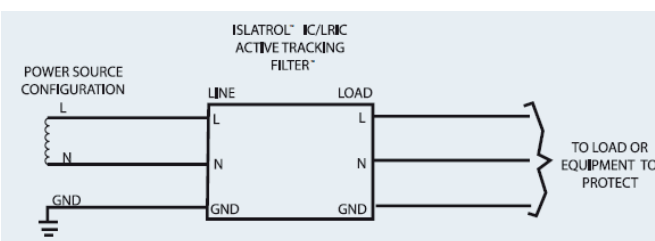
### Performance Technical Specifications

MCOV	
120 Volts	150 VRMS
240 Volts	275 VRMS
Line Frequency	47-63 Hz
Response Time	
Normal Mode	<0.5 ns
Common Mode	< 5 ns
Operating Temperature	
-40°C to +45°C At Full Load Derate Linearly to 60% at +70°C	
Operating Humidity	0% to 95%
Peak Surge Current Capability (8 x 20 μS)	
Line to Neutral	15,000 Amps
Line to Ground	15,000 Amps
Neutral to Ground	15,000 Amps
Load Surge Current Rating	
10mSec	5 x Nominal
1 sec	3 x Nominal
10sec	2 x Nominal
Packaging	
<ul style="list-style-type: none"> <li>High Impact Plastic Case</li> <li>Vacuum Impregnated Magnetics</li> <li>Epoxy Encapsulated</li> </ul>	
Frequency Response (Forward Reverse)	
Normal Mode	100 kHz to 50 MHz -90dB Min
Common Mode	5Mhz to 50 Mhz-60 dB Min

Typical Category A Ring wave (6kV, 200A,100kHz)		
Model	Normal	Common
IC+102/ LRIC+102	1.0/0.9	302/287
IC+105/ LRIC+105	0.7/0.8	292/307
IC+107/ LRIC+107	0.7/0.7	302/293
IC+115/ LRIC+115	0.7/0.7	304/306
IC+130/ LRIC+202	0.5/1.1	306/536
IC+205/ LRIC+207	1.5/0.8	628/616
IC+230/ LRIC+230	0.6/0.9	572/566
Typical Category A Ring wave(6kV, 200A,100kHz)		
Model	Normal	Common
IC+102/ LRIC+102	178/188	302/285
IC+105/ LRIC+105	162/191	291/300
IC+107/ LRIC+107	173/190	300/298
IC+115/ LRIC+115	153/149	307/309
IC+130/ LRIC+202	241/302	299/532
IC+205/ LRIC+207	378/336	594/596
IC+230/ LRIC+230	272/342	548/578

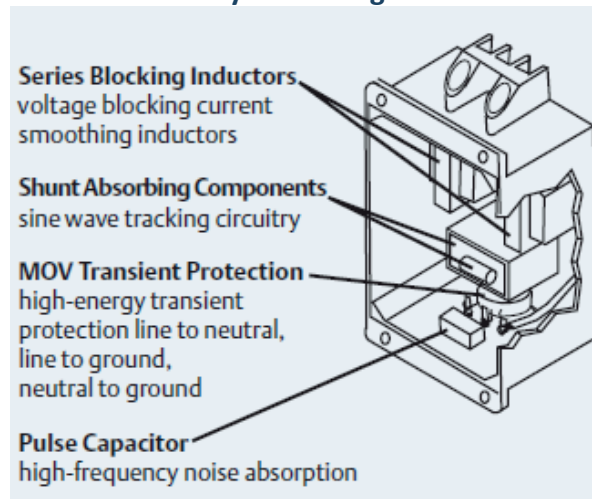
Note: All measurement in Volts. IEEE test results  
With no AC applied. Normal mode- L1-N, L1-L2;  
Common mode- L-G, N-G or L1-G, L2-G.

### Connecting Diagram



\*Specification subjects to change without prior notice

### System Design





### Dimensional Diagram

### Ordering Information

#### 120 VAC Models with barrier strip at input and output/with wire leads at input and output (WL)

Model	Rated Output (Amps)	Case Dimensions (In) A x B x C	Mounting Flange Dimensions (In) D x E x F x G	Screw Size	Weight (lbs)
IC+102 / IC+102WL	2.5	4 x 2.88 x 1.81	4.38 x 2.12 x 5.31 x 0.19	#6	1.0
IC+105 / IC+105WL	5.0	4 x 2.88 x 1.81	4.38 x 2.12 x 5.31 x 0.19	#6	1.3
IC+107 / IC+107WL	7.5	4.75 x 4.75 x 2.35	5.25 x 3.50 x 6.25 x 0.19	#6	2.0
IC+115 / IC+115WL	15	6.25 x 4.75 x 2.35	6.75 x 3.50 x 7.75 x 0.19	#8	3.5
IC+130 / IC+130WL	30	7.75 x 4.75 x 2.35	8.25 x 3.50 x 9.00 x 0.19	#8	6.0

#### 120 VAC Models with 5 foot line cord and single NEMA 5-15 receptacle

Model	Rated Output (Amps)	Case Dimensions (In) A x B x C	Mounting Flange Dimensions (In) D x E x F x G	Screw Size	Weight (lbs)
LRIC+102	2.5	4.5 x 3.0 x 1.88	N/A	N/A	1.3
LRIC+105	5.0	4.5 x 4.5 x 2.38	N/A	N/A	2.0
LRIC+107	7.5	6.0 x 4.5 x 2.38	N/A	N/A	2.3
LRIC+115	15	7.5 x 4.5 x 2.38	N/A	N/A	4.0

#### 240 VAC Models with barrier strip at input and output/with wire leads at input and output (WL)

Model	Rated Output (Amps)	Case Dimensions (In) A x B x C	Mounting Flange Dimensions (In) D x E x F x G	Screw Size	Weight (lbs)
IC+202 / IC+202WL	2.5	4 x 2.88 x 1.81	4.38 x 2.12 x 5.31 x 0.19	#6	1.3
IC+205 / IC+205WL	5.0	4.75 x 4.75 x 2.35	5.25 x 3.50 x 6.25 x 0.19	#6	2.0
IC+207 / IC+207WL	7.5	6.25 x 4.75 x 2.35	6.75 x 3.50 x 7.75 x 0.19	#8	3.3
IC+215 / IC+215WL	15	7.75 x 4.75 x 2.35	8.25 x 3.50 x 9.00 x 0.19	#8	5.8
IC+230 / IC+230WL	30	7.75 x 4.75 x 2.35	8.25 x 3.50 x 9.00 x 0.19	#8	6.0

