

## AC LINE FILTERS

# LF30



### DESCRIPTION

The LF30 will protect equipment from malfunctions due to conducted interference coming into the equipment from line, especially line to ground (common mode) noise and transients. HESCO/RLS line filters are designed to provide the required noise suppression to allow most equipment to meet FCC specifications for conducted emissions. HESCO/RLS line filters are a cost effective solution for equipment that is environmentally subjected to the damaging effects of transient noise and other interference that may result in unnecessary memory loss or down time of a traffic controller. Trouble intersections may need no more than a reliable line filter to correct this potentially dangerous situation. RFI emissions are propagated in two manners, radiated and conducted. Most designers must be concerned with both in order to design their equipment to operate properly in a particular environment and often in the presence of significant levels of RFI. The excellent characteristics of HESCO/RLS line filter will provide the attenuation of RFI interference you will need to achieve a safe operational environment for your equipment.

### SPECIFICATIONS

Rated Voltage (RMS).....	120
Rated Current Single line .....	30AMPS
Frequency.....	50/60 HZ
Leakage Current @ 120 VAC (L-G).....	.25ma
Insertion Loss (db) @	
.2MHz.....	.70
.3MHz.....	.74
.6MHz.....	.80
1MHz.....	.77
10MHz.....	.76
20MHz.....	.76
40MHz.....	.66
75MHz.....	.63
Hipot (1 min., VDC).....	1500
Mounting.....	Mounting Tabs

### HESCO/RLS Incorporated

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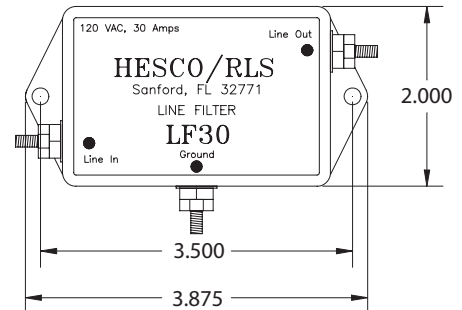
For more information and product support call us at...

1-800-547-4868

### FEATURES

- Eliminates Noise Transients
- Weatherproof
- 30 AMP Capability
- Mounts Easily
- Cost Effective

### DIMENSIONS



**CAUTION: Disconnect Power Prior to Installing or Removing Unit**