

## TRAFFIC CONTROL / LINE FILTER

# LF35R



### DESCRIPTION

The **LF35R** will protect equipment from malfunctions due to conducted interference coming into the equipment from line, especially from 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 filters will provide the attenuation of RFI interference you need to achieve a safe operational environment for your equipment.

### FEATURES

- Eliminates Noise Transients
- Weatherproof
- 35 Amp Capability
- Mounts Easily
- Cost Effective

### SPECIFICATIONS

Rated Voltage (RMS) ..... 120 VAC  
 Rated Current (A) ..... 35 Amps  
 Frequency (Hz) ..... 50/60 Hz

Leakage Current  
 @ 120 VAC (L-G, mA) ..... .25 mA

Insertion Loss (dB) @  
 .2MHz......70  
 .3 MHz .....74  
 .6 MHz .....80  
 1 MHz .....77  
 10MHz .....76  
 20MHz .....76  
 40MHz .....66  
 75MHz .....63

Hipot (1 min., VDC) .....1500  
 Temperature Range.....-40°C to +85°C  
 Insulation Resistance.....in excess of 1 mega ohm  
 Mounting.....Mounting Tabs

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

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