



The **ASCO Model 250** is a 120 VAC, 60 Amp, EMI/RFI Filter. The Model 250 is a series-connected device designed to filter electrical type transients impinging on electrical distribution of a traffic control cabinet.

### Key Specs

- **Voltage:** 120 VAC
- **Current:** 60 Amp
- **Connection:** 1/4 - 20 Studs
- **Mounting:** Flange

\*See Ordering Information for model number selection

### General Technical Specifications

Operating Voltage	120 VAC
Operating Voltage Tolerance	±25%
Operating Frequency Range	47-63 Hz
Connection Type	¼-20 Studs
Amperes	60 Amperes
Wire Gauge	4 AWG Minimum
Phase Configuration	Single Phase, 2 wire (Line and Neutral)
Maximum Continuous Operating Voltage (MCOV)	L-N
Load Surge Current Rating	10 MSEC - 100 x Nominal 1 SEC - 10 x Nominal 5 SEC - 5 x Nominal
Transient Reduction/Frequency Attenuation	1/4-20 & 10-32 SS Stud
Packaging	Black, high impact plastic case
Operation Temperature	-40°C TO +45°C derate linearly to 70% @ 70°C
Operating Humidity	0 to 95% non-condensing
Operating Altitude	-100m to 2000m
Dimensions (in/mm)	3.2" H x 4.4" W x 2.0" D [81.3 x 111.8 x 50.8 mm]
Weight (lb/kg)	2 lb [ 0.907 kg]
Certifications	IEC-610
Warranty	5 Years

### Features

- 60 Amp series filter
- 50 dB attenuation (200 kHz to 75 MHz)
- High impact thermoplastic enclosure
- 5 year warranty

### Certifications

- IEC-610

### DANGER!

Only qualified personnel should install or service this system. Electrical safety pre-cautions must be followed when installing or servicing this equipment. To prevent risk of electrical shock, turn off and lock out all power sources to the unit before making electrical connections or servicing.

Seulement le personnel qualifié doit installer ou maintenir ce système. Des précautions de sécurité en électricité doivent être suivies lors de l'installation ou de la maintenance de cet équipement. Pour éviter tout risque de choc électrique, débranchez et verrouillez toutes les sources d'alimentation de cet équipement avant de.

