



Edco™ SHP Series Single Phase Filter, 120 VAC or 240 VAC

The Edco SHP Series hybrid design exhibits performance levels unattainable with simple “shunt type” protectors. The two active clamp stages, large inductor and shunt capacitance effectively halt high rate-of-rise surge waveforms, thus preventing initial voltage overshoot.

Flexibility of installation is another design feature of the Edco SHP Series. The protector first and second stages are electrically separate (line side) for use in jurisdictions that require a line filter between stages.

In addition, the first stage provides protection from MAIN NEUTRAL to GND as well as MAIN LINE to GND. This is an often overlooked feature which becomes significant in locales where NEUTRAL must be kept separate from earth ground inside the cabinet.

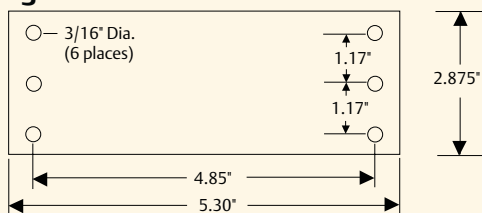
Features

- Multi-stage hybrid design
- Nanosecond response time
- Blocks high energy surges
- Incorporates series choke
- 5 year warranty

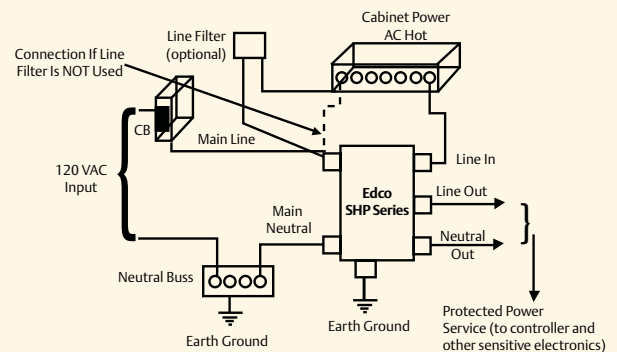
General Technical Specifications

Part Number	Edco SHP300-10/SHP400-10
Maximum Operating Voltage	120 VAC/240 VAC
Clamping Voltage	395 VAC/650 VAC
Operating Current	10A
Peak Surge Current	58.5 kA (8 x 20 μs)
Operating Frequency	47–63 Hz
EMI Attenuation	70 dB typ
SPD Technology	MOVs w/L-C Filter
Modes of Protection	L-N, L-G, N-G
Status Indication	NA
Connection Type	1/4-20 & 10-32 Stainless Steel Stud
Operating Temperature	-40°C to +85°C
Dimensions (Inches)	1.8H x 2.875W x 5.3L
Weight	1 lb

Mounting



Installation



Caution:

1. This product could become excessively hot and rupture in the rare event of power line conditions or surge that exceed its rated operating specification. Appropriate precautions should be exercised.
2. High voltages are present on electrical termination. Unit should be serviced by qualified personnel only.