

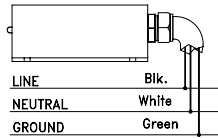
# INSTALLATION INSTRUCTIONS

## SPPT-120A SERIES

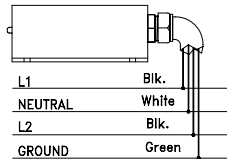
### HEAVY DUTY-LOCAL PANEL

### SHUNT Type AC POWER SURGE ARRESTOR/FILTER

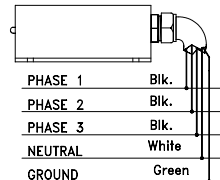
#### Typical Installation:



SINGLE PHASE  
120, 220 or 240 VAC

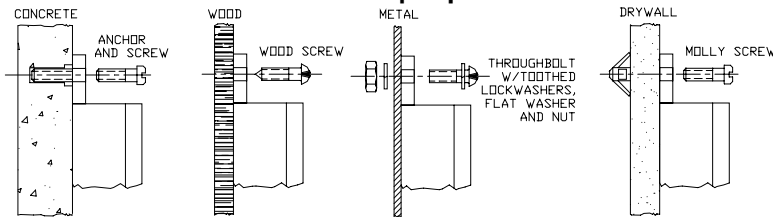


SINGLE (SPLIT) PHASE  
120/240 VAC

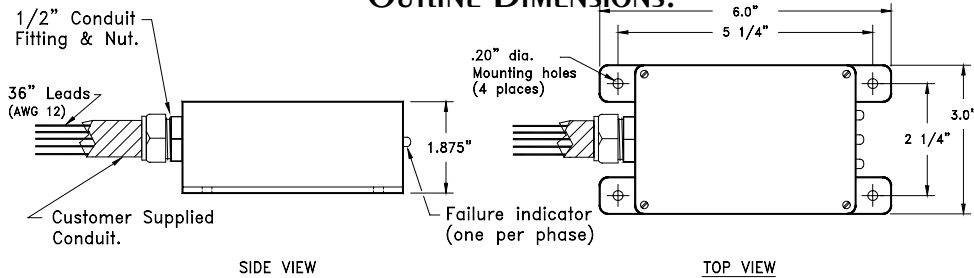


3 PHASE WYE  
120/208 VAC 240/415 VAC  
220/380 VAC 277/480 VAC

#### Mounting Options:



#### Outline Dimensions:



**Attention! These instructions assume that the installer is familiar with electrical wiring practices. Read material thoroughly before attempting to install this device. If you are unsure about any part of these instructions, contact a qualified electrician!**  
**ALL WIRING MUST BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (NEC) AND WITH ALL LOCAL CODES!**

#### 1. CONFIRM MODEL WITH POWER SERVICE

To confirm that suppressor model is correct for the application (before installation), measure service voltage with a voltmeter and check wire counts and colors. See table below and Typical Installation above.

Part Number	Voltage	Service Type
SPPT-120A	120 VAC	Single Phase
SPPT-120AD	120/240 VAC	Single (Split) Phase
SPPT-120AY	120/208Y VAC	3 Phase WYE
SPPT-240A	220 or 240 VAC	Single Phase
SPPT-240AY	220/380Y or 240/415Y	3 Phase WYE
SPPT-277AY	277/480Y	3 Phase WYE

#### 2. SELECT A LOCATION

The suppressor can be mounted on any convenient surface where the indicator LED's can be seen, downstream (after) the electrical breakers or power controls. **IMPORTANT: WIRES SHOULD**

**BE KEPT AS SHORT AS POSSIBLE.**

#### 3. DISCONNECT POWER BEFORE INSTALLATION !

#### 4. MOUNTING

Use one of the Mounting Options above to mount suppressor. If conduit is to be used, prepare EMT conduit and panel fittings, then feed all wires through conduit. Tighten all fittings, then cut wires to length. Connect wire leads as shown in diagram above.

#### 5. RESTORE POWER

LED's should be lit, indicating power is on and surge suppression is active.

#### 6. TROUBLESHOOTING

If any LED is not lit with power on, the corresponding line/phase suppression is no longer active and connected equipment is no longer protected. Replace suppressor.