

# **Sycom SafeSeries™**

## S2 Series Installation Instructions

### 3 Phase Units

Sycom units are parallel devices.

- 1) To assure safe installation; prior to installation; measure the voltage on each phase and verify that they meet the specifications on the TVSS.
- 2) Shut off the power to the panel at which you are installing the device by turning off the main breaker or switch.
- 3) Verify ALL Ground and Neutral connections in the panel and grounding system.
- 4) Secure TVSS unit to wall prior to connection using the mounting tabs provided on the enclosure. Always install as close to the panel as possible. If the unit is pre-wired, trim the leads as short as possible. If the unit is equipped with lugs, use the largest gauge possible also keeping the leads as short as possible. Avoid 90 degree bends in leads.
- 5) First connection should be to the Ground Buss.
- 6) Second connection should be to the Neutral Buss.
- 7) If a Three Phase Service, install the device on the load side of a three-pole circuit breaker rated for at least 15 amperes. (On a high leg delta install, be sure to install the red wire on the higher voltage phase leg).
- 8) If a Single Phase Service, install the device on the load side of a two-pole circuit breaker rated for at least 15 amperes.
- 9) Check all connections.
- 10) Turn on the main breaker.
- 11) Turn on the breaker onto which you have installed the main TVSS. All LED lights should be lit at this time.