Frequently Asked Questions

What is a phase voltage monitor and what does it do?

A phase voltage monitor is a device that monitors the site's incoming power for "dirty" power conditions. It does this to protect the unit's line voltage components (for example, motors) from running on "dirty" power which can cause damage and/or premature failure to them. The phase voltage monitor opens a low voltage contact to cut power to downstream devices (for example, the main unit controller) when the following power conditions are detected:

1. Low voltage
2. High voltage
3. Loss of phase
4. Phase reversal
5. Phase imbalance