

SurgeX

Installation Instructions

SXN-240

Line Connection

CAUTION: The SXN-240 is designed for use with 20 Amp 208 Volt two-phase services or 20 Amp 240 Volt split-phase services only. That is, services with two hot wires (or phases), a neutral wire, and a ground wire. A neutral must be connected to the SXN-240 even if it is not used for the load.

The SurgeX SXN-240 product is rated at a load capacity of 20 Amps per leg and shall be wired only by qualified Electricians using 12 Ga. conductors as specified in Article 310 of the 1999 National Electric Code, as set forth in Table 310-13. Any type of conductor suitable for use in wet or dry locations such as (but not limited to) THHN, THHW, THW, THWN, or TW shall be considered acceptable if local Code permits. The service to which the product is connected must be protected by a dual 20 Amp circuit breaker.

Connect the wires from the electrical service (line) to the upper terminal block labeled '**Line**' as follows:

- The two phases or hot wires to the two **120V** terminals
- The White wire to **Neutral**
- The Ground wire to **Ground**

Load Connection

Connect the wires to the equipment (load) to the lower terminal block labeled '**Load**' as follows:

- The two phases or hot wires to the two **120V** terminals
- The White wire to **Neutral**
- The Ground wire to **Ground**

Indicator Lights

There are two green indicator lights on the front of the unit. These green lights are Self-Test indicators that indicate power is applied to the unit and the internal surge protection circuitry is fully functional. There is one indicator for each of the two surge protection modules.