SurgeX

Installation Instructions

SX20-NE

Line Connection

The SurgeX SX20-NE product is rated at a load capacity of 20 Amps 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 circuit must be protected by a 20 Amp circuit breaker.

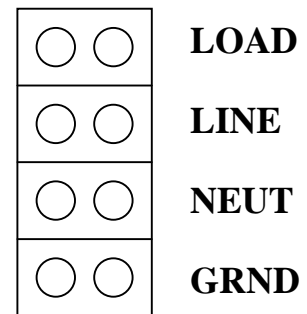Connect the electrical service (line) to the SurgeX as follows:

- Live (Black) wire to the terminal labeled "**LINE**"

- Neutral (White) wire to the terminal labeled "**NEUT**"

- Ground (Green) wire to the terminal labeled "**GRND**"

In order for the SurgeX circuitry to function properly, the unit must be installed exactly as stated below. (Unit will not function without a Neutral connection)

Load Connection

Connect the equipment (load) to the SurgeX as follows:

- Live (Black) wire to the terminal labeled "**LOAD**"

- Neutral (White) wire to the terminal labeled "**NEUT**"

- Ground (Green) wire to the terminal labeled "**GRND**"

○ ○		**LOAD**
○ ○		**LINE**
○ ○		**NEUT**
○ ○		**GRND**

Indicator Light

There is a green indicator light on the front of the unit. This green light is a Self-Test indicator that indicates power is applied to the unit and the internal surge protection circuitry is fully functional.