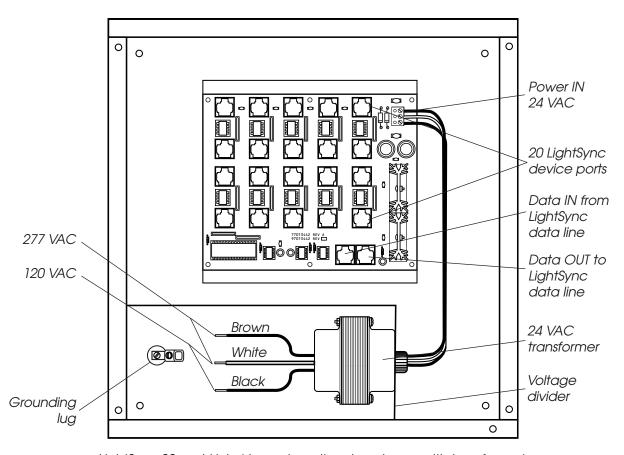
## LightSync™ Hub Installation



LightSync 20-port Hub (shown in optional enclosure with transformer)

The LightSync Hub is mounted near the lighting panel containing the circuits to be controlled by the lighting relays. The enclosure is manufactured with pre-drilled mounting holes located near the four corners of the rear wall of the enclosure. Secure the enclosure to the mounting surface with hardware appropriate for the application.

The LightSync Hub is designed to operate in temperatures between 0 and 50 degrees C (32°-112°F) and 10%-90% humidity non-condensing.

**Distance From Control Devices** Switches and other control devices can be located up to 3000 feet from the LightSync Hub using standard CAT-5 cable.

Perform the following procedures to wire the line and control circuits of the LightSync Hub. Do **NOT** apply power to any circuits until instructed to do so. Document all terminations.

**Wire the Control Transformer** Run a dedicated 120 or 277 VAC circuit, including grounding conductor, and terminate it to the primaries of the LightSync Hub transformer. See above.

Wire Inputs - Wire the LightSync Device Circuits.

- Run the CAT-5 cable between the hub and the LightSync devices. Verify each run with a CAT-5 cable tester.
- 2. Make the connections at the switch end.
- 3. Make the connections to the hub data input terminals.
- 4. Power up the hub and test device function.

