

# Troubleshooting Guide

## LightSync Power Supply Repeater

LS PSR Part #93001861

### Communication Issues

- If Power LED is not lit, check the power to board.
  - 24vac Red to Red, 12vac Red to Yellow.
- Data Outputs provide refreshed Data and Device Power (12-16vdc).
  - Measure Device power on pins 1/2 (Orange pair) and 3/6 (Green pair).
- Are Data Cables connected to correct In/Out ports and seated properly?
  - Test Data Cables for damage and verify data cables are terminated properly (T568B standard) using a cable tester.
- Data LEDs should flicker both Green (transmit) and Red (receive).
- Data LEDs strongly lit red indicates a short or bad transceiver with one of the devices on the line.
- Transceiver chips: U9= LightSync Data In, U10= LightSync Data Out, U11 Panel Data In, U12 Panel Data Out.

