

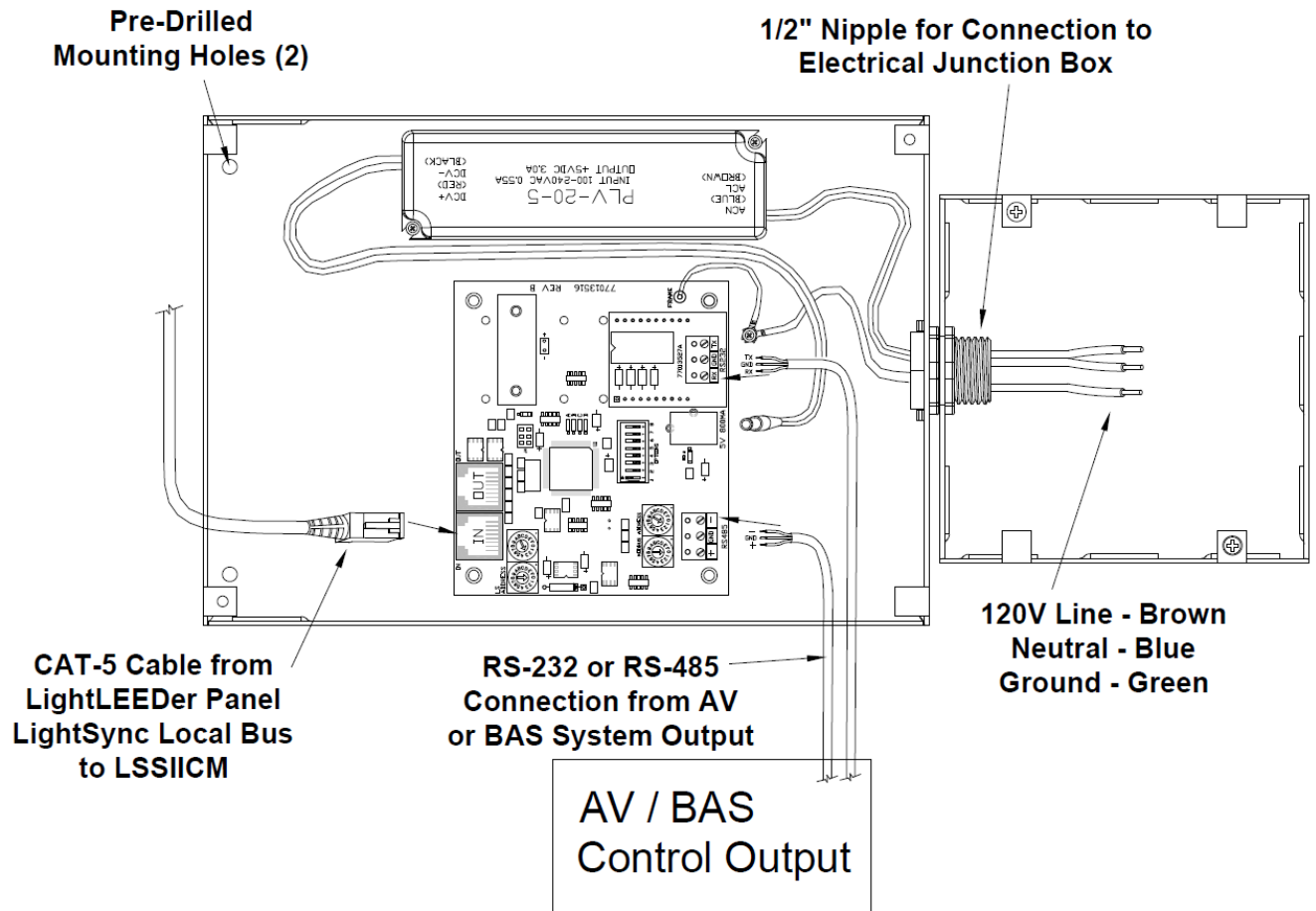
# LightSync Serial Interface Input Control Module

## RS-232/485 Installation Details

### Overview:

The LightSync Serial Interface Input Control Module (LSSIICM) emulates the switch inputs of the digital LS devices it is configured for. The LSSIICM has both RS-232 and RS-485 terminals to receive standard ASCII or ModBUS commands from a AV system or BAS controller output.

These LSSIICM inputs are then configured to control the relays or dimmers outputs in the LightLEEDer panel that it is connected to.



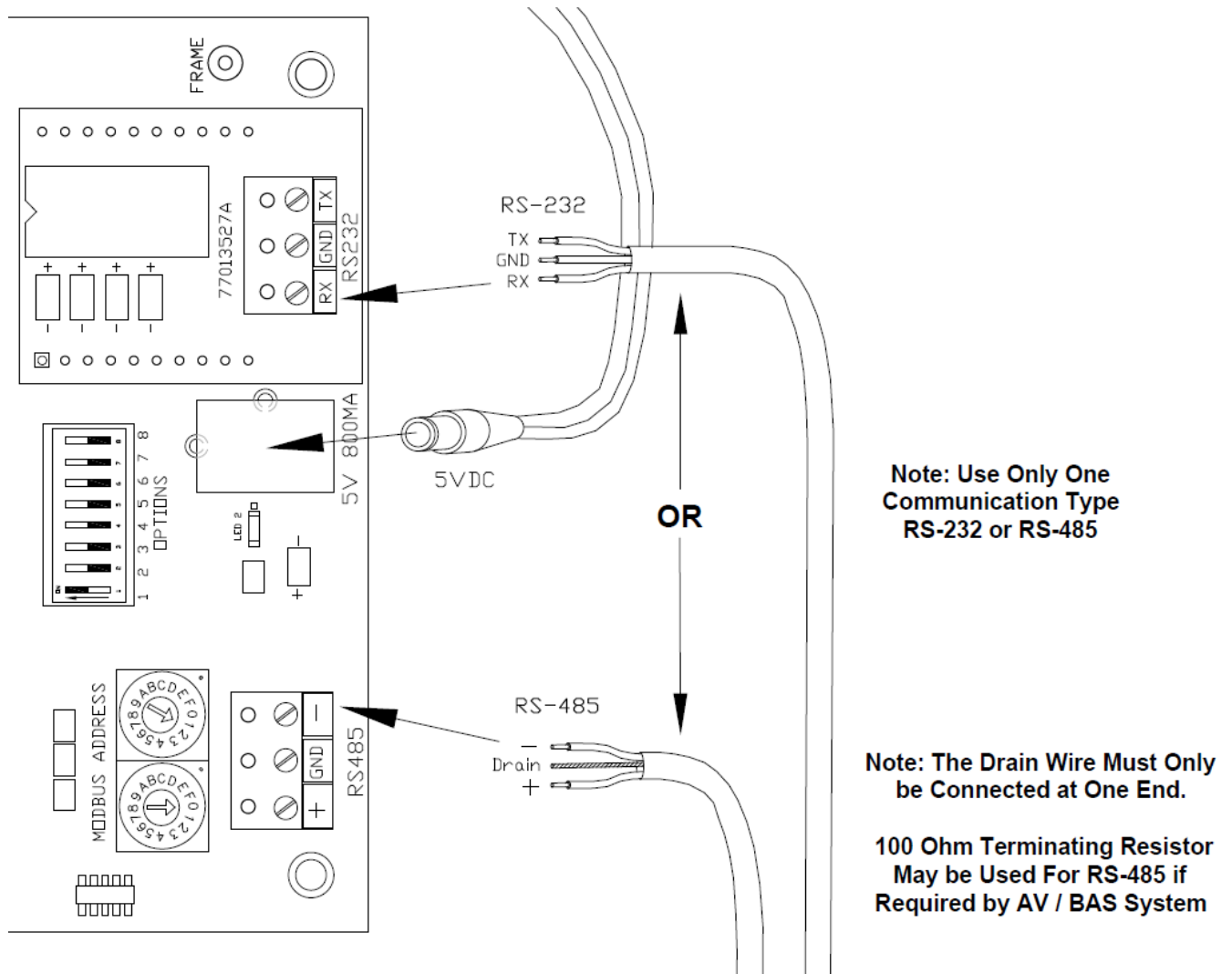
### LSSIICM Details

#### Installing a LSSIICM:

- Locate the LSSIICM in an accessible location near the AV/BAS system RS-232/485 driver
- Contact AV/BAS system provider for cable requirements and distance limitations
- Install the NEMA-1 enclosure using the provided screw holes and appropriate hardware
- Connect to electrical junction box with 1/2" nipple, see PD02626 for Enclosure Details



- Connect 120VAC power to the provided power supply
- Install a CAT-5 data cable from the LightLEEDer panel LightSync local out RJ-45 port “LS OUT” to the “IN” port of the LSSIICM
- Refer to submittal riser diagram for required address information, to set the LightSync device address and the dip switches count settings see PD0625
- Connect a RS-232 or RS-485 cable as recommended by the AV system provider to the screw down terminals on the LSSIICM



### Low Voltage Wiring Details

Refer to TB0609 for ASCII serial string information and TB0604 for ModBus point mapping.