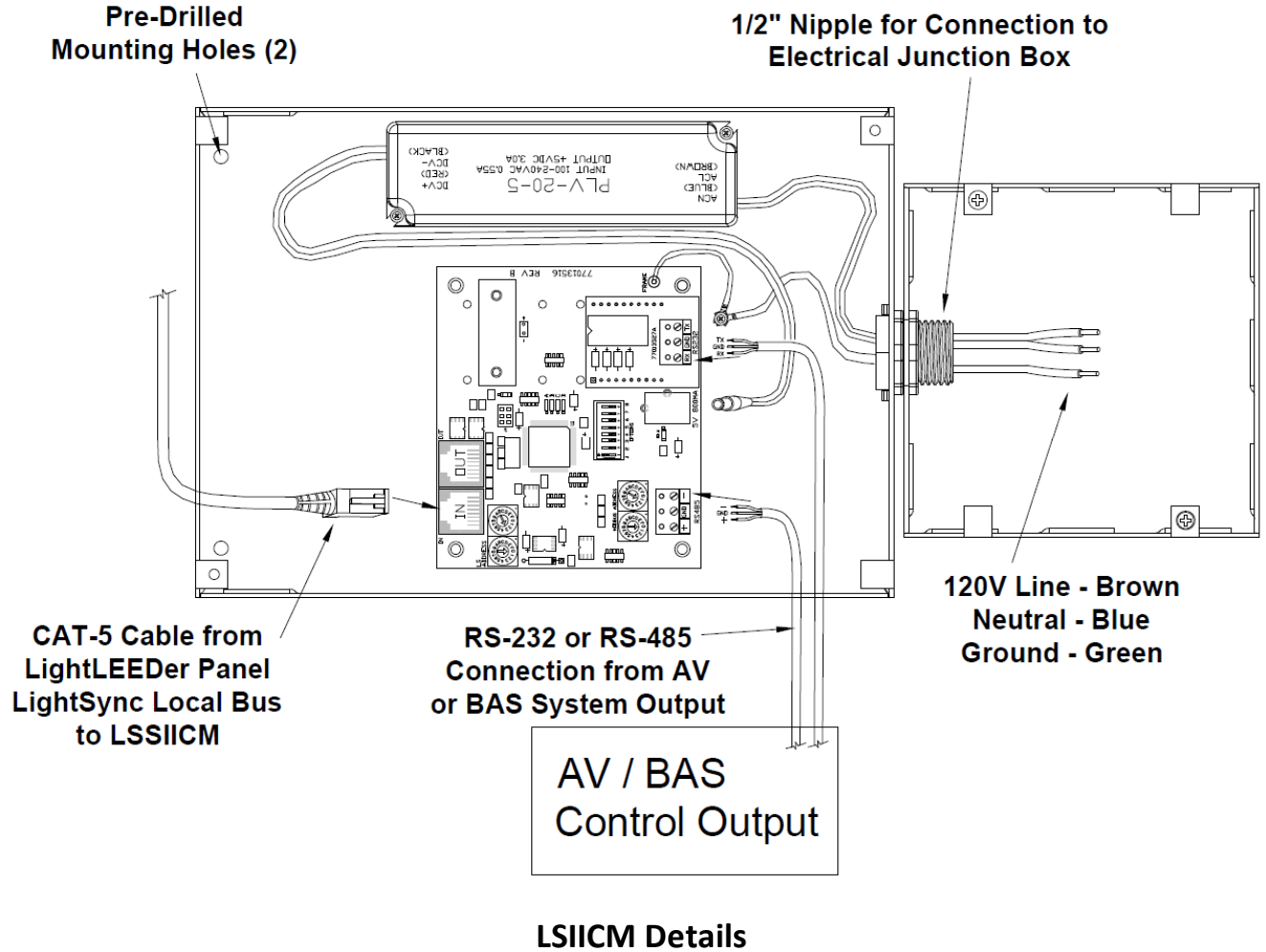


# LightSync Serial Interface Input Control Module

## RS-232/485 Installation Details

### Overview:

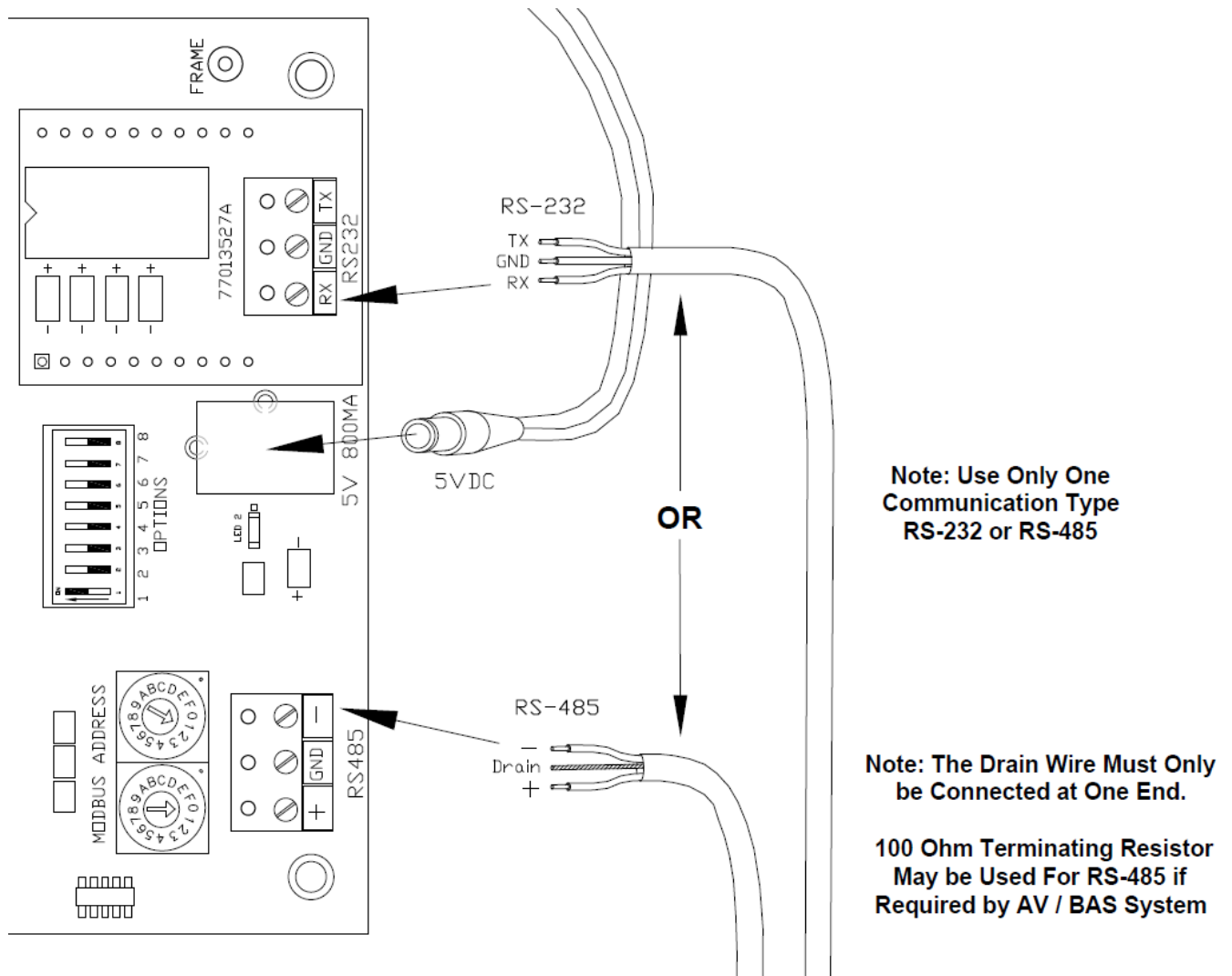
The LightSync Serial Interface Input Control Module (LSIICM) emulates the switch inputs of the digital LS devices it is configured for. The LSSIICM has both RS-232 and RS-485 terminals to receive standard ASCII or ModBUS commands from an AV system or BAS controller output. These LSSIICM inputs are then configured to control the relays or dimmers outputs in the LightLEEDer panel that it is connected to.



### 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.