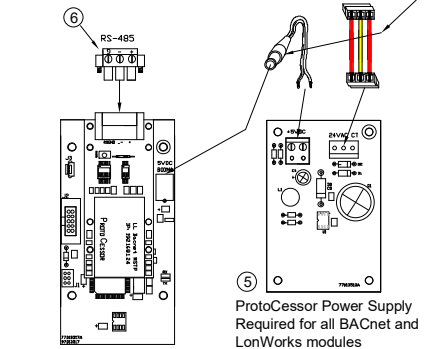
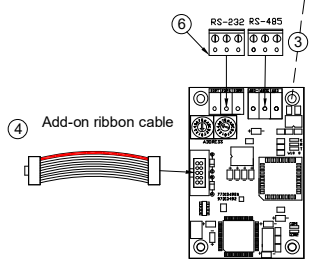
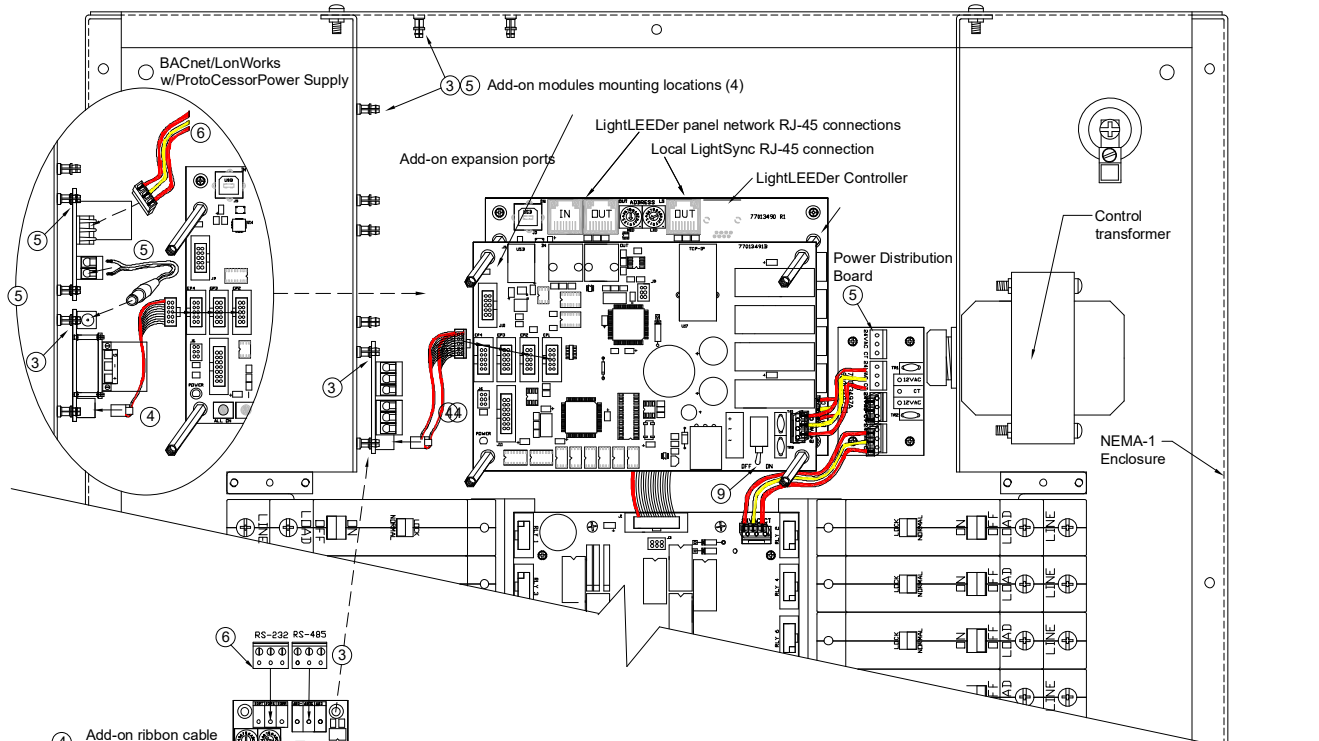


LightLEEDer Serial Interface Gateway Module Installation Details



BACnet-MSTP Serial Interface module shown
BACnet-IP and LonWorks modules have the same basic footprint

Serial Interface module that includes one of the following:
Modbus
N2
DMX

3 wire power connector and 5VDC ProtoCessor power cable assembly
Black/White (+) & Black (-)

Back plate assembly with electronics & R40 relays installed.

1. Turn the power switch located under the lower right hand corner of the keypad on the LightLEEDer Controller and Advance Network Controller OFF.
2. Remove the 4 screws from keypad, then remove the keyboard assembly by pulling the ribbon cable from the controller and set aside.
3. Install the Add-on Gateway module on the Snap-Top PEMs by aligning holes on Add-on module and carefully snapping into place.
4. Install Add-on ribbon cable from Add-on module to one of the 4 expansion ports of the Advance Network Controller.
5. Install a ProtoCessor Power supply on one of the 4 Add-on module mounting areas if a BACnet or LonWorks module is being installed. Connect the 3-wire power connector from the Power Distribution Board to the ProtoCessor Power Supply, then the ProtoCessor power cable from the power supply to the module.
6. Connect the BAS/DDC communications cable to the Add-on module connector, refer to instructions from BAS/DDC system provider to verify cable and connection requirements.
7. Plug the keypad assembly ribbon cable into the controller, then replace the screws removed. Be sure both ends of the ribbon cable are seated properly.
8. Verify all connections were installed properly.
9. Turn the power switch on the LightLEEDer Controller and Advance Network Controller ON, verify the keypad is working, if not, turn the power OFF and contact ILC.
10. Follow the instruction in LightLEEDer Operation Manual setting up the Add-on module.

