TIP: Proior to disconnecting power, please ensure that a copy of the existing program from the Master Board has been saved (.CSV file).

CAUTION: Power should be disconnected from the Panel as well as from the loads running through the panel prior to replacing the board.

Removal:

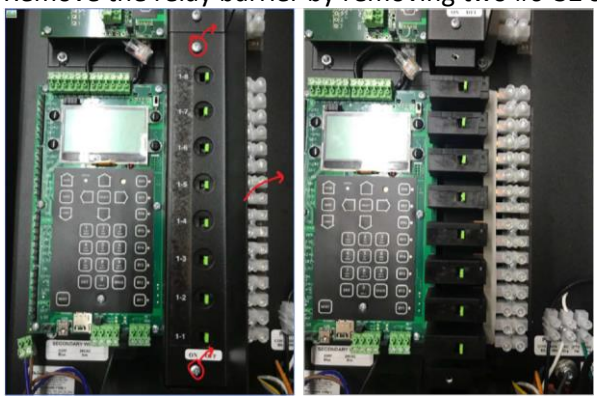
1. Disconnect the 24VAC secondary terminal block from Master Board (located in the lower left):

2. Unplug the interconnect cable from Master Board as needed (located in the upper right):

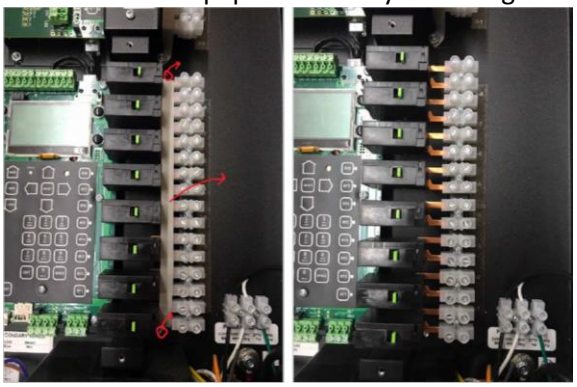
3. Disconnect the Network input (as needed).
4. Disconnect the CANbus input terminal block (as needed).
5. Disconnect the low voltage input terminal blocks (as needed):

   Depending on how the low voltage wires have been routed in the panel, the user may find it more convenient to disconnect the individual wires without removing the terminal block.

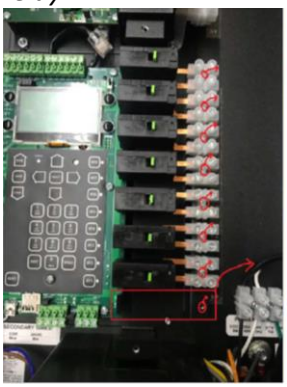
6. Disconnect the analog input and output terminal blocks (as needed).
7. Remove the relay barrier by removing two #6-32 screws as shown:



8. Remove the fish paper barrier by removing two #8-32 ¼" (KEP) nuts as shown.|



9. Remove Relays with terminal blocks by removing eight #4-40 ¼" screws as shown:
   Depending on how the load wires have been routed in the panel, the user may find it more convenient to remove the relays without the terminal blocks by loosening the screws nearest the relay.




10. Remove the Master Board by removing eight #6-32 screws as shown:


Installation:

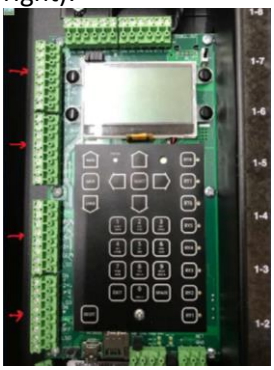
1. Align replacement Master Board on standoffs and secure into place using eight #6-32 screws as shown.
   Caution: Take care not to overtighten mounting screws.

2. Reinstall Relays with terminal blocks using eight #4-40 ¼" screws as shown:
   Caution: Take care to make sure that the pins on the relays are not bent and align with the respective sockets on the board.

3. Reinstall the fish paper barrier using two #8-32 ¼" (KEP) nuts as shown.

4. Reconnect the analog input and output (as needed).
5. Reconnect the low voltage input terminal blocks (as needed):
   Caution: Take care to make sure that the terminal blocks align with the respective pins on the board.

6. Reconnect CANbus.
7. Reconnect Network.
8. Plug the interconnect cable into the PANEL OUT port on the Master Board (located in the upper right):



9. Reconnect the 24VAC secondary terminal block to Master Board (located in the lower left):

10. Apply power to the panel (transformer only).

11. Put the AUTO/MANUAL switch in the AUTO mode.
12. Press the Relay control button (RY1-RY8), on the logic board. The corresponding relay should turn ON or OFF and the LED corresponding to the RY button should do the same.
13. Load the program from the SD card (as needed).
14. Apply power to associated lighting circuits.