

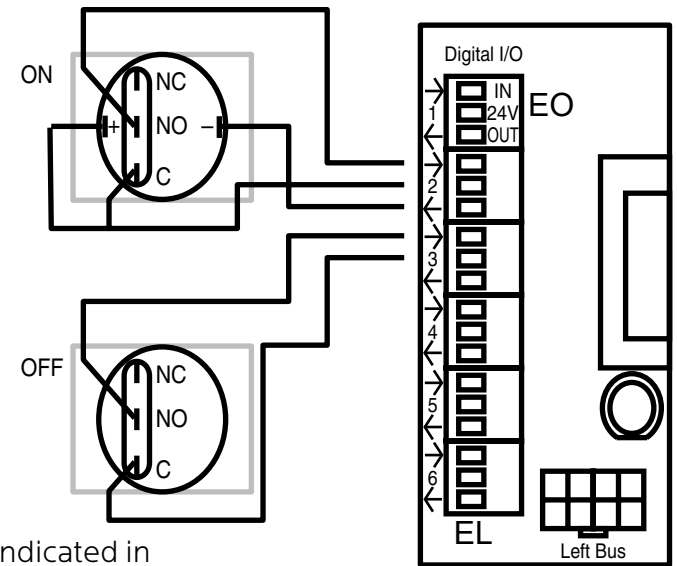
# RPC THE INDUSTRY'S MOST COMPLETE SELF-CONTAINED ELECTRICAL CONTROL PANEL SERIES PANELS

## CONTACT CLOSURE SETUP QUICK START GUIDE

Using a standard LynTec SS-2 Switch Set with illuminated ON switch.

(For other types of switches, consult chapter 4 of the instruction bulletin for wiring diagrams.)

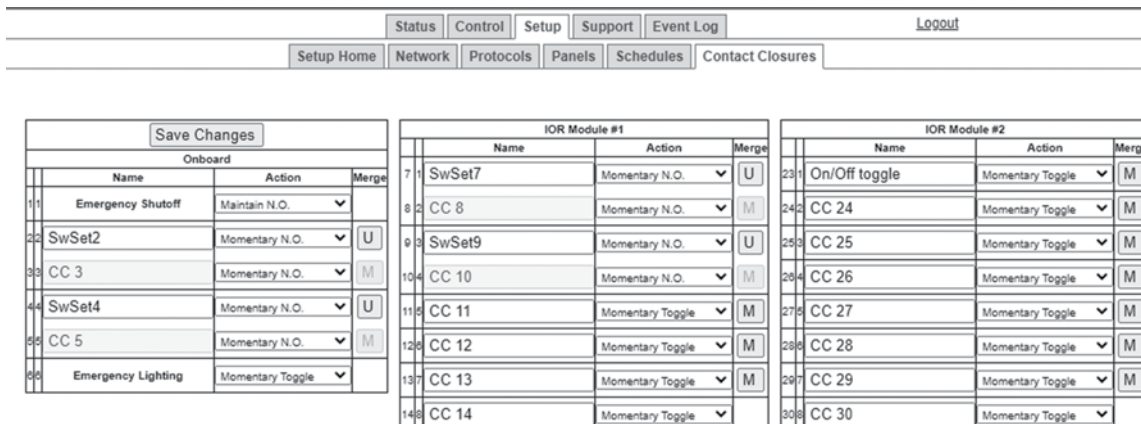
- 1) Complete all steps in the "RPC Quick Start Guide"
- 2) Confirm that RPC panel and any secondary panels are connected to the controller as indicated in the "RPC Master/Secondary Quick Start Guide" bulletin.
- 3) Wire the ON switch to a digital I/O port on the left edge of the Controller board as follows:
  - A. Connect the 24VDC Common (center terminal of the I/O port) to the C pin of the ON switch.
  - B. Connect the Input terminal (arrow pointing towards header) to the NO pin of the ON switch.
  - C. Connect the Output terminal (arrow pointing away from header) to the – pin of the ON switch.
  - D. Connect a jumper between the C pin and the + pin of the ON switch.
- 4) Wire the OFF switch to the next consecutive digital I/O port on the left edge of the Controller board as follows:
  - A. Connect the 24VDC Common terminal to the C pin of the OFF switch.
  - B. Connect the Input terminal to the NO pin of the OFF switch
- 5) On the RPC web page, go to the contact closure page. (Setup→Contact Closures)



Note: Ports 1 & 6 are reserved for emergency functions

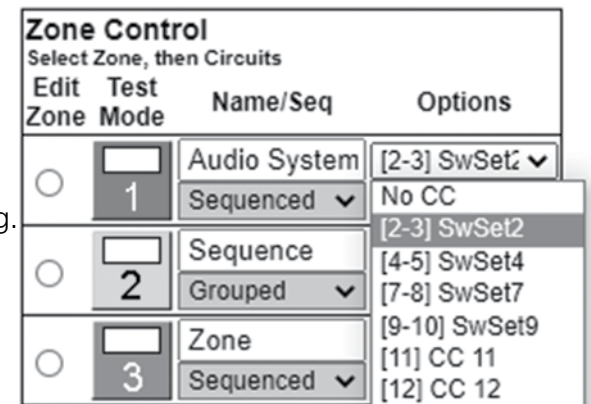
**6)** Configure the digital I/O port:

- A. Rename each contact closure as desired
- B. Click the M (merge) button at the right side of the first of the two ports used. The name box and M button in the second port should turn gray and the Action selections should default to Momentary NO (normally open).
- C. Ensure that both of the Action selections for both ports are set to Momentary NO.
- D. Click the “Save Changes” button at the top if the Onboard I/O box.



**7)** Assign the contact closure to a zone in the “Panel” (SETUP⇒PANELS) screen:

- A. In the ZONE CONTROL box under “CC/Schedule”, choose which contact closure to assign to any zone using the drop down box.
- B. Enable the zone by selecting Sequenced or Grouped operation under “Name/Seq”.
- C. Save changes.



**8)** Verify proper operation of your Switch Set:

- A. Press the ON switch. Breakers in the selected zone should immediately begin actuating.
- B. The ON indicator should flash steadily until all of the breakers are in the on state.
- C. When the zone has completed, the ON indicator should remain constantly lit.
- D. Press the OFF switch. Breakers in the selected zone should immediately begin actuating.
- E. The ON indicator should flash steadily until all of the breakers are in the off state.
- F. When the zone has completed, the ON indicator should remain constantly dark.

Note: When using two illuminate pushbuttons the OFF indicator will remain constantly lit when the zone has completed. (OFF indicator will extinguish immediately when ON is pressed again.)