LynTec

RPC

Contact Closure Wiring Instructions

Using a standard LynTec SS-2 Switch Set with illuminated ON switch. (For other types of switches, consult CH 4 of the instruction bulletin for wiring diagrams.)

1. Confirm that RPS (slave) panels are properly connected to the master as indicated in the “RPC to RPS Wiring Instructions” bulletin.

2. Complete all the steps in the “RPC Quick Start Guide”.

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.

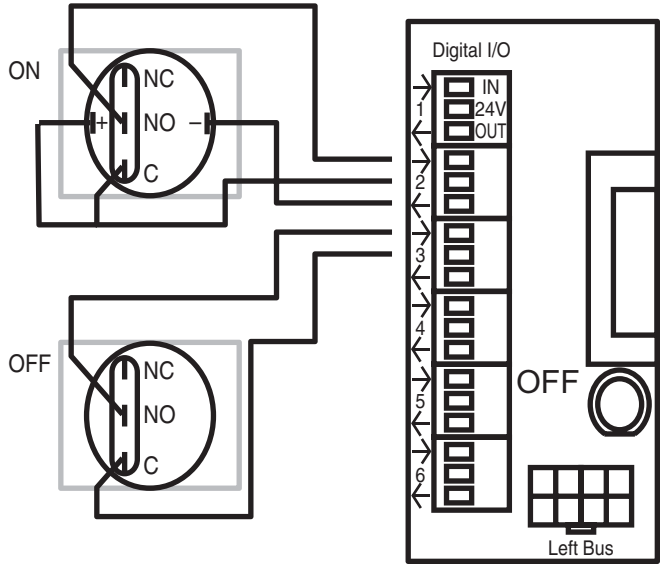
   C. Connect the Output terminal (arrow pointing away from header) to the – pin of the ON switch.

   D. Connect a jumper between the C pin and the + pin of the ON switch.

4. Wire the OFF switch to a 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



Note: If using emergency override features, fire alarm contact closures must be wired into port 1.

5. On the RPC web page, go to the contact closure page. (SETUP==>CONTACT CLOSURES)

OVER →

6 Configure the digital I/O port.

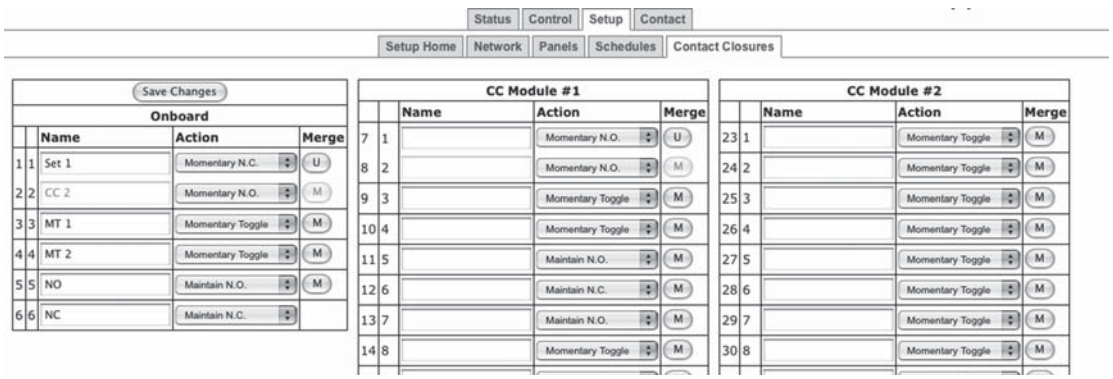
Note: If the Emergency Shutoff feature is selected, the first position in the Onboard field (on the Controller) is automatically assigned to that.

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.

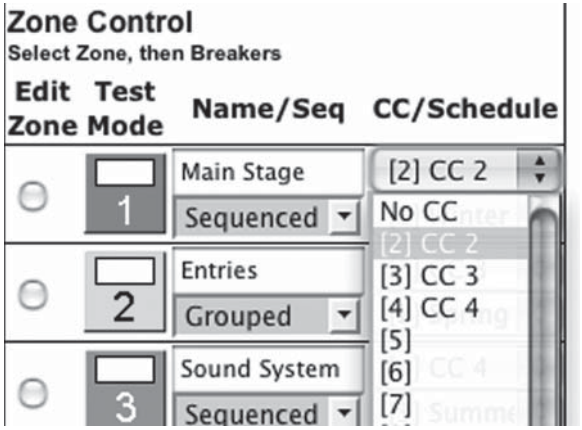


7 Assign the contact closure to a zone in the "Panel" (SETUP==>PANELS) screen:

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.



7 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.)