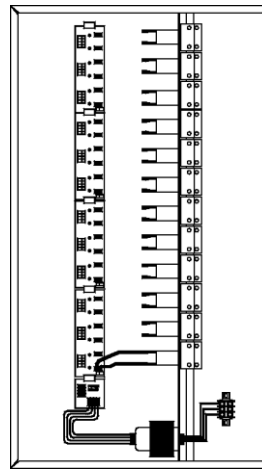


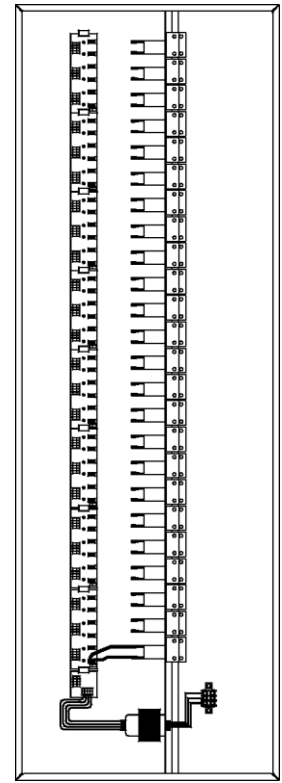
Touch-Plate® Lighting Controls

RCP Series Lighting Control Panels

- Factory pre-assembled and tested.
- ETL listed as an assembly.
- Easy to install and start-up.
- No programming skills required, simple switch based control assignments, color-coded connections.
- Simple switch based control includes remote pilot light annunciation.
- Built-in stuck switch protection.
- LED indicators for on/off status of each relay.
- LED indicators on the power supply card to verify both secondary voltages of the transformer.
- Accepts Cycle inputs, Standard for each relay.
- 20 Amp 120 and 277 VAC lighting relays, (347 VAC Canada).
- Expanded capability with addition of Solution Series Control Devices.
- Hinged, locking cover.
- Available in 6 to 42 relays per panel in multiples of six.



RCP-0024
32"x18"x4-1/4"



RCP-0042
48"x19"x4-1/4"

The pre-assembled RCP series of relay control are installed where low cost, low voltage remote control is desired, and where control of more than one relay at a time is not required. RCP panels include a pilot light transformer to energize illuminated switches, and feature relay status indicators built into the logic boards.

An RCP panel consists of a steel enclosure with a power supply for switching and pilot lights, and model 3000-PL relays mounted in a barrier channel and pre-wired to the control circuit board. Each RCP panel contains a transformer with a power supply board, one relay control board for every six (6) relays which are also included. All of these components are mounted in the steel enclosure making a ETL Listed assembly. The enclosure includes either a hinged locking door, or an optional Flush Mount door and trim.

A single momentary switch activates a single relay. Each time the switch is activated, it changes the state of the relay. The function is similar to the use of the "Power" button of a TV set. This means only two wires (one per switch, plus common) are required to achieve both ON and OFF, instead of having 3 or 4 wires per switch. This can mean substantial savings if the system contains many relays. In addition to the wire savings, the labor for wiring the switches and the relay panels is reduced.

RCP allows individual relay control only. In other words, a single switch cannot drive more than one relay. However, multiple switches may be used to control one relay.

Stuck switch protection is built into the RCP series. If a switch is held closed, RCP will block operation of that relay only, and not harm the relay coil or other system components. All other relays will operate.

Each RCP control board features LED indicators to display the On/Off status of each relay. The RCP power supply card has two additional LED indicators to verify both secondary voltages of the transformer and quickly direct trouble shooting should service be required.

Switch wires are terminated into color-coded spring-clamp connectors, (orange for the switch, blue for the LED) and a tool is provided to open and close the connectors. Once the wire is cut and stripped, it is directly inserted into the connector. No spades, lugs, or screwdrivers are required.

The internal Power Supply is rated for illuminating up to 220 LED's or 24 Incandescent lamps. Touch-Plate recommends using their LED switch models.



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