

SUBJECT: MODEL 1100 CONTACT CLOSURE (EVENT & TIME CONTROL)

EXAMPLE OF MODEL 1100 APPLICATIONS

Event: Automatically open or close drapery and turn lights On or Off.

Time: Open drapery at 8 AM. Close drapery at 7 PM.

Environmental: Open drapery at predetermined time. Close drapery if temperature set point reached. Close drapery at predetermined time. Or, close to multiple intermediate timed stop positions.

Security: Close drapery if external light sensor is triggered.

Home Theatre: Open curtain with timed stop to frame screen, then dim lights to off. Turn lights progressively on while closing curtain.

EXAMPLES OF CONTACT CLOSURE DEVICES: (X-10), (I/O Boards), (Simple Switches).

1. Same switch controls open and close functions.

Switch: SPDT, toggle or rocker (momentary, auto return to center-off).

Function: Actuation causes motor to run. Motor automatically stops at full open or closed position. Move switch to opposite position while motor is running causes motor to reverse.

2. First switch controls open. Second switch controls close.

Switch: SPST, NO, toggle or push-button (momentary, auto return to off).

Function: Same as above

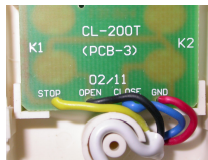
3. Relay board can control all functions; open, close and stop. Event and time control.

Switch: X-10 UM506 and Mini-Timer (or Maxi Controller), X-10 2315M control board, Lynx-Port, GENX, HAI Omni, etc. Use **momentary** contact closures only.

Function: Automatically open and close using timer controlled relay board, or event trigger. Actuation causes motor to run and automatically stop at full open or closed position. Can stop at any intermediate position by actuating stop function. Multiple intermediate stop positions can be timed.

CONTACT CLOSURE INTERFACE INSIDE CONTROL PAD.

The Model 1100 has a wired control pad with <◀▶, ▶◀ and 2 stop buttons. Power is supplied to the control pad from motor housing. Motor housing is sealed; do not open. Remove screw on rear of control pad and open to access circuit board.



Control pad circuit board contacts:

- STOP (yellow)
- OPEN (black)
- CLOSE (blue)
- GND (red, ground)

- OPEN: Make momentary contact between black and red.
- STOP: Make momentary contact between yellow and red.
- CLOSE: Make momentary contact between blue and red.

Example: Connect red to switch pole. Connect any other color to the switch NO terminal.

To control open, close and stop functions requires three (3) independent contact closure devices. To control open and close on a time schedule requires timer control of two independent contacts.

Caution: Do not apply power to control pad contacts. Only actuate one contact closure at a time.