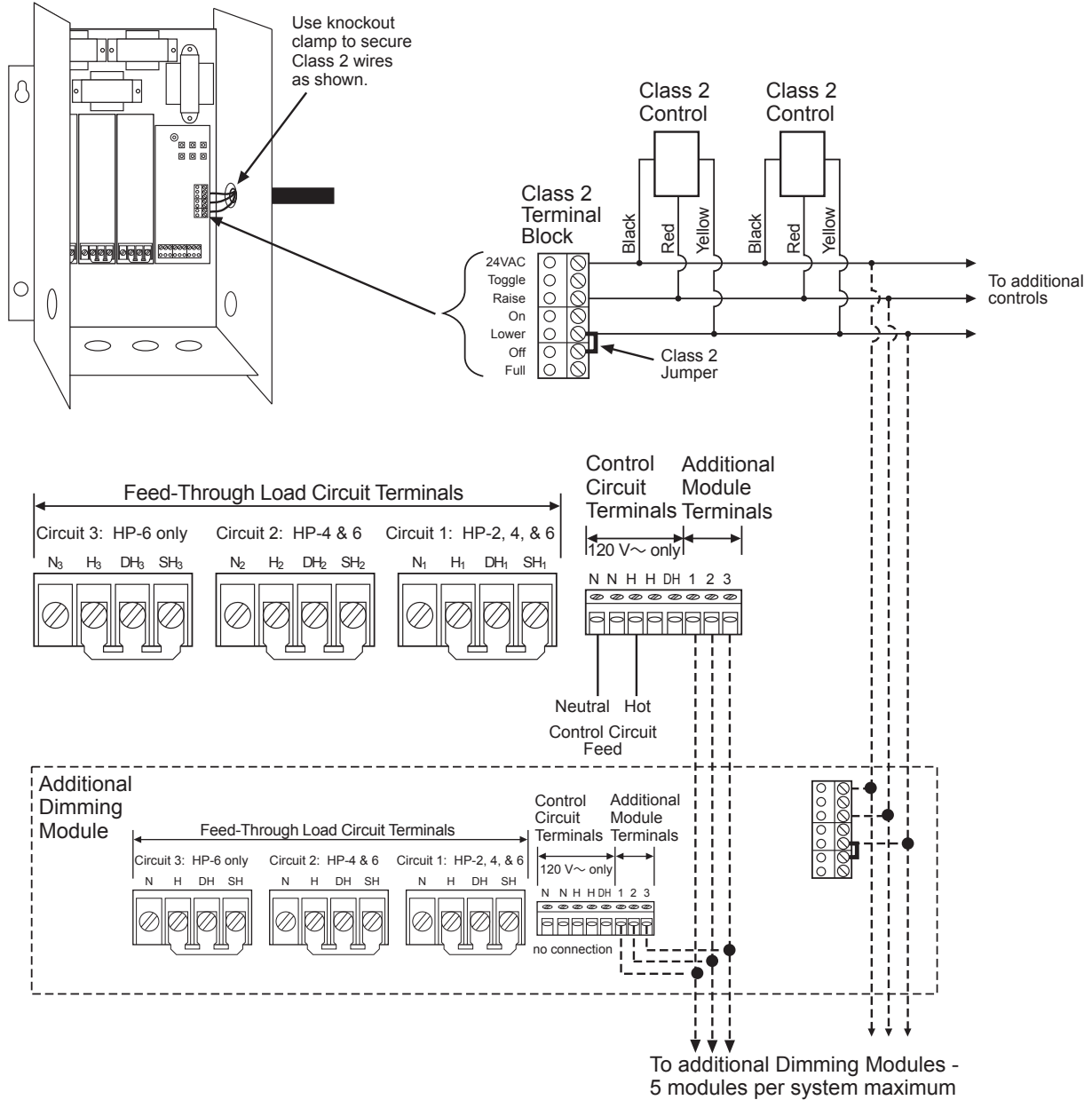


Control Wiring

Diagram 14: Class 2 Controls: NTRCS-1, NRCS-1, RCS-1

These controls provide single-location or multi-location raise/lower dimming with "off" at low-end. For other Class 2 control options refer to page 13.



Class 2 Wiring Notes:

1. Class 2 terminal block is removable. It is packaged loose with the dimming module.
2. Position terminal block so wires exit as shown through the knockout indicated. Class 2 wiring must exit through this knockout.
3. To avoid contact between Class 2 wires and branch circuit wiring below, maintain 1-1/2 in (38 mm) or less of Class 2 wiring within the enclosure. Do not leave any extra wire within the enclosure. Secure wiring using a knockout clamp.
4. **DO NOT** remove Class 2 factory bypass jumper between the Lower and Off terminals when using NTRCS-1, NRCS-1, or RCS-1 controls.

Class 2 Control Options

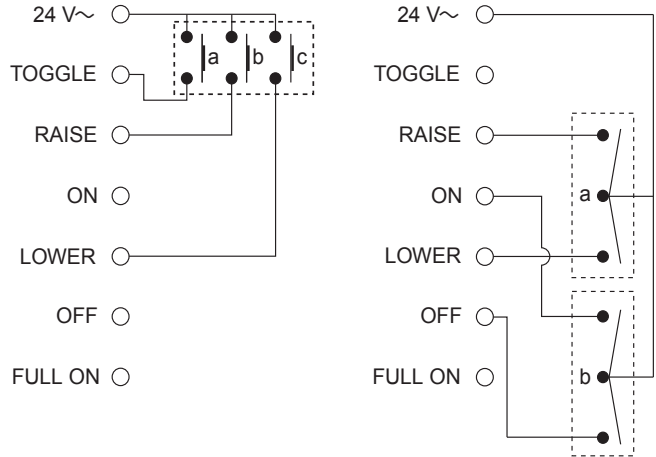
Definitions of Control Options

RAISE	Increases the light level while the switch is activated.
LOWER	Decreases light level while the switch is activated. Does not turn lights off.
LOWER/OFF	Decreases light level while the switch is activated. Turns lights off after the low-end is reached.
ON	Fades lights on to preset level.
OFF	Fades lights off.
TOGGLE	Fades lights on to preset level if they are off, fades lights off if they are on.
FULL ON	Turns lights on instantly to full when the switch is activated. No other control options are available while this switch is activated. Must be a maintained switch closure.
FADE RATE	Rate at which the light level changes while you activate a control option (for example, the rate at which the light level changes as you hold the RAISE button and the rate at which the lights fade on or off when you press the on or off). For all of the above options except "full on", the FADE RATE is adjustable inside the dimming module. See page 6 for location and adjustment instructions.

How to Access Control Options:

The desired Control Option is accessed with a 24 V~ switch closure. Switch closures must be rated for switching 5 mA at 24 V~ RMS. See the chart below for the specific terminations of the switch closure on the Class 2 terminal block and type of switch closure permissible. See page 12 for the Class 2 terminal block location and terminal designations.

Typical Class 2 Control Wiring Examples:



Example 1: Three SPST momentary pushbuttons. Switch "a" controls the TOGGLE on/off function. Switch "b" controls the RAISE function. Switch "c" controls the LOWER function.

Example 2: Two momentary, center off SPDT switches. Switch "a" performs the RAISE and LOWER functions. Switch "b" performs the ON/OFF functions.

Control Option	Switch Closure Between:	Switch Closure Type
RAISE	RAISE and 24 V~ terminals	Either momentary or maintained
LOWER	LOWER and 24 V~ terminals Remove factory installed jumper between LOWER & OFF terminals	Either momentary or maintained
LOWER/OFF	LOWER and 24 V~ terminals DO NOT remove factory installed jumper between LOWER & OFF terminals	Either momentary or maintained
ON	24 V~ and ON	Either momentary or maintained
OFF	24 V~ and OFF	Either momentary or maintained
TOGGLE	24 V~ and TOGGLE	Must be momentary
FULL ON	24 V~ and FULL ON	Must be maintained