

2-Button Lighting Override Panel Installation Instructions

Description

Novar's 2-Button Lighting Override Panel (Figure 1) consists of a circuit board containing two buttons and a removable terminal strip. It is attached to a stainless steel wall plate that is designed to be mounted to a standard dual gang electrical box.



Figure 1. 2-Button Lighting Override Panel

The panel serves two functions:

- The switches allow initiation of schedule timed overrides.
- A light-emitting diode located in the center of each button indicates the override or schedule status of the module to which the button is wired.

The panel is powered by the circuitry of the equipment to which it is wired.

Specifications

Physical Dimensions

Height:	4 1/2 inches
Width:	4 5/8 inches
Depth:	1 3/4 inches
Minimum wire size:	22 gauge
Maximum wire distance:	1000 ft.

Precautions

The following precautions should be taken during installation:

- Observe all national and local electrical codes.
- Limit input current to each switch to less than 30 mA DC (applications other than Novar products listed in Table 1). The 2-Button Lighting Override Panel is a Class 2 device.



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Wiring the Module

The override panel's terminal strip provides room for the following connections:

- One connection for each button on the panel
- A common connection

The terminal strip can be removed to facilitate wiring. Figure 2 provides a schematic diagram of the remote override circuit board.



Figure 2. Wiring schematic. Resistor values are in ohms $\pm 5\%$.

Table 1 lists a variety of Novar products and indicates the remote override terminal connections for each. For more details about making the connections, refer to the installation instructions supplied with each product.

The length of time the override remains in effect varies, depending on how it is specified in the software for each product.

Table 1. Remote Switch Wiring Connections	
NOVAR PRODUCT	REMOTE OVERRIDE TERMINAL CONNECTIONS
Executive Controller (EC)	Terminals 23–38 as appropriate
Input/Output Module (IOM/2)	Terminals 1–8 and GND as appropriate
NCH-1000	Terminals 1–8 and GND as appropriate
Savvy	Terminals 23–38 as appropriate

Mounting the Panel

The following procedure should be used to mount the panel.

Step	Procedure
1	Position the module over the electrical box, aligning the screw holes on the panel's plate with those in the box.
2	Insert and tighten the mounting screws (provided) to secure the module.

Checking the Installation

Once the wiring has been completed and the panel has been mounted, if the panel and the equipment to which it has been wired are operating properly, the LEDs in the center of the remote override buttons should flash when an override is in effect.

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