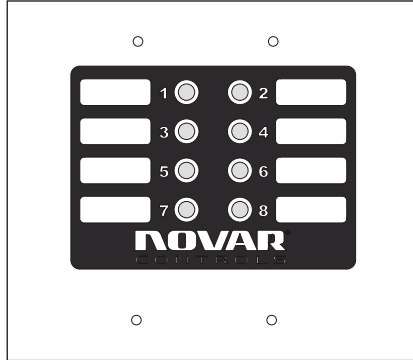


# 8-Button Override Panel Installation Instructions

## Description

Novar's 8-Button Override Panel (Figure 1) consists of a circuit board containing eight 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.** 8-Button Override Panel

The panel serves two functions:

- 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 switches allow remote input and schedule status output.

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 8-Button Override Panel is a Class 2 device.



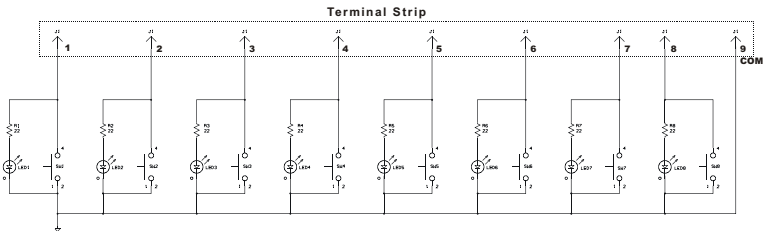
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## Wiring the Module

The override panel’s terminal strip provides room for nine connections:

- One connection for each of the eight buttons on the panel
- A ninth 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. All 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

Space has been provided on the label on the front of the remote override panel so that each switch can be labeled to indicate the product to which it has been wired.

## 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 LED in the center of the remote override button should flash on when an override is in effect.

## Part Number

The part number shown in Table 2 should be used to order the necessary Novar part.

<b>PRODUCT</b>	<b>MODEL NO.</b>	<b>PART NO.</b>
8-Button Override Panel	—	780026000

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