

# PBD-720

## Push-Button Dimmer Switch

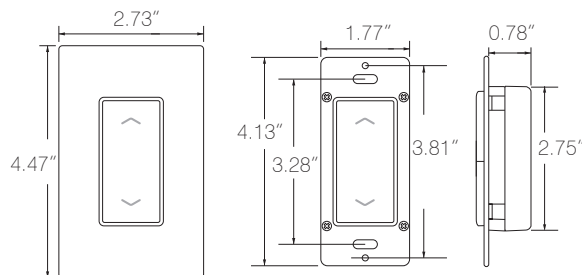


### OVERVIEW

The PBD-720 is a single pole, low voltage push-button dimmer switch designed to fit into a standard NEMA wall box. This sleek, low profile switch provides a momentary contact signal for IR-TEC power pack to manually control the connected lighting, together with an adjustable 0-10V output to dim the light as desired through intuitive button operation.

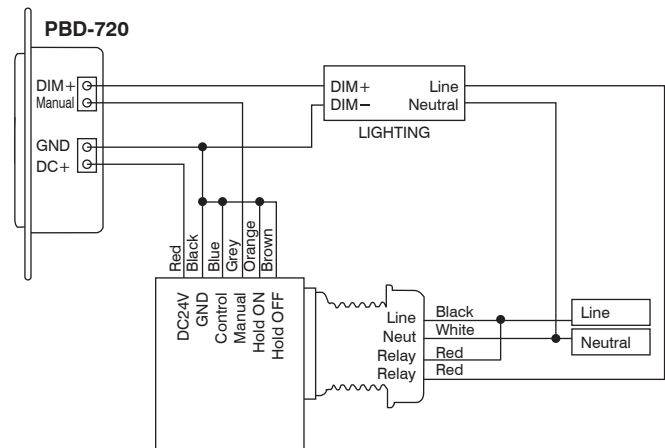
A short press on the button will activate the manual on/off control signal, and a long press at upper/lower position of the button will increase/decrease 0-10V dimming control output. LED light bars indicate the operational status and dim level while pressing the button. Pluggable type terminal block makes low voltage wiring connection quick and easy. A screwless snap-on Decora wall plate is supplied to create a modern, high-end appearance for all spaces.

### DIMENSIONS

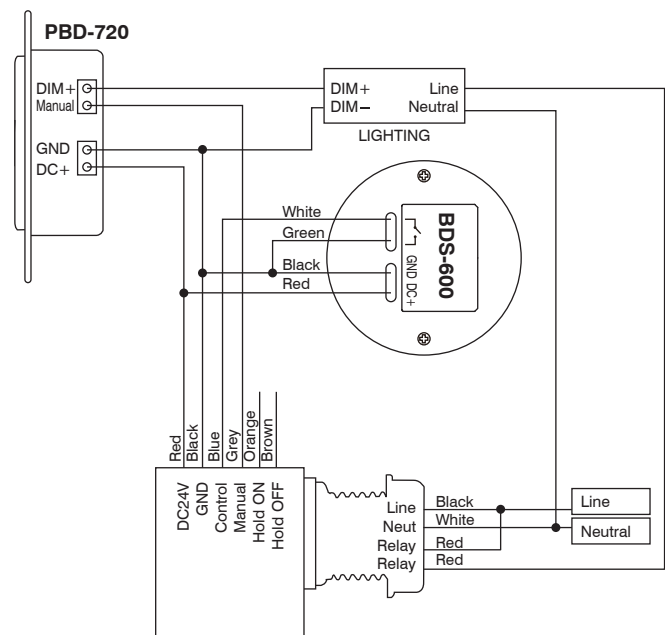


### WIRING DIAGRAMS

#### A. Manual On/Off with Dimming Control



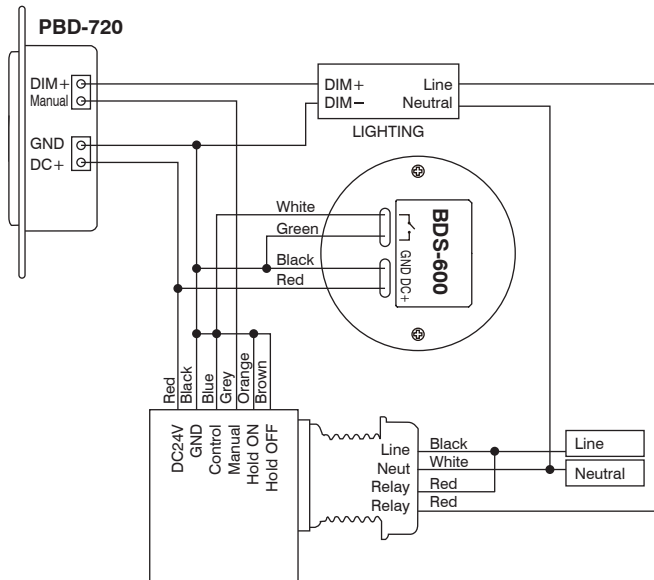
#### B. Occupancy Sensing with Dimming Control



# PBD-720

## Push-Button Dimmer Switch

### C. Vacancy Sensing with Manual On/Off & Dimming Control



### SPECIFICATIONS

Power voltage	12-24 VDC
On/off control	Momentary, 50 mA, 24 VDC max.
Dimming control	0-10V, max 25 mA (Sink)
Dimming range	1% ~ 100%
Op. humidity	Max 95% non-condensation
Op. temperature	-14°F ~ 122°F (-10°C ~ 50°C)
Dimensions	4.13"H x 1.77"W x 1.04"D (w/mounting plate)

### ORDERING INFORMATION

**PBD-720W** – Low Voltage Push-Button Dimmer Switch, 12-24 VDC, White

**PBD-720I** – Low Voltage Push-Button Dimmer Switch, 12-24 VDC, Ivory

### D. Vacancy Sensing with 3-way Manual On/Off & Dimming Control

