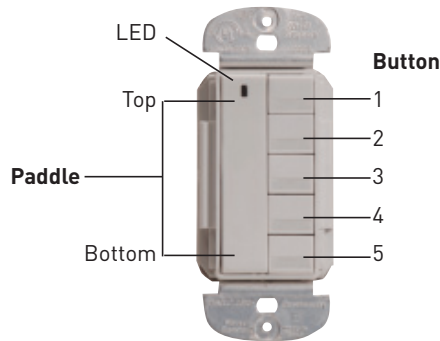


DCC7

Seven-button Low Voltage Momentary Switch Miro Decorator Style with LED



SPECIFICATIONS

Voltage	12VAC/VDC, 24V Rectified, 24VAC/VDC
Rating	50mA Max. Internal contact rating
Resistance when closed.....	500mΩ
Operating Environment.....	Indoor use only
Temperature	32° to 104°F (0° to 40°C)
Humidity.....	0-80%, noncondensing

WARRANTY

WattStopper warrants its products to be free of defects in materials and workmanship for a period of five (5) years. There are no obligations or liabilities on the part of WattStopper for consequential damages arising out of, or in connection with, the use or performance of this product or other indirect damages with respect to loss of property, revenue or profit, or cost of removal, installation or reinstallation.

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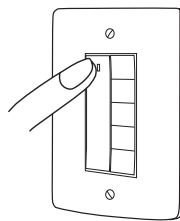
UNIT DESCRIPTION

The DCC7 Low Voltage Switch is designed to momentarily change the state of low voltage, high-impedance inputs. It features a raise/lower paddle and five buttons to control any device that requires multiple contact closures. It is styled to match Miro Decorator wall devices. It has a neutral-rest position paddle that provides two-button momentary switch functions and an integral LED.

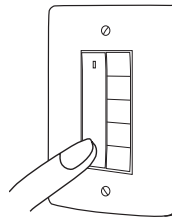
Buttons

Pressing either the top of the paddle (LED end) or bottom of the paddle operates the associated button and its momentary contact. Contacts are normally-open, allowing switch COMMON to remain uninterrupted when the button is at rest.

Activating the button creates contact closure, to provide a momentary low or high input signal, depending upon the COMMON wire configuration. Contacts are rated at 24VAC/VDC, 50 mA, and 500mΩ resistance when closed.



Activates momentary output associated with **Top** paddle button. Note the LED at the top of the paddle.



Activates momentary output associated with **Bottom** paddle button.

Locator or Pilot Light

The DCC7 assembly contains an LED which can function as either a locator or a pilot light. This LED illuminates when the COMMON (White) wire is at a negative (GND) potential and the LED+ (Yellow) wire is at a positive (+24V) potential. It will also work if the polarity is opposite, meaning the COMMON wire is at a positive (+24V) potential and the LED+ wire is at a negative (GND) potential.

Wires

There are nine 22AWG flying leads on the DCC7 switch. Each wire is explained in the table on the next page. Examples of application wiring are on the back page. A green 16AWG wire is provided for safety ground connection.

Call 800.879.8585 for Technical Support



CAUTION



**TURN THE POWER OFF AT THE CIRCUIT BREAKER
BEFORE INSTALLING THE SWITCH.**

INSTALLATION

For ease of installation, manufacturer recommends use of a deep wall box.

1. Disconnect power to circuit by turning circuit breaker OFF before installation.

INSTALL IN COMPLIANCE WITH ALL APPLICABLE CODES & STANDARDS.

Failure to follow these instructions may cause
personal injury or equipment damage.

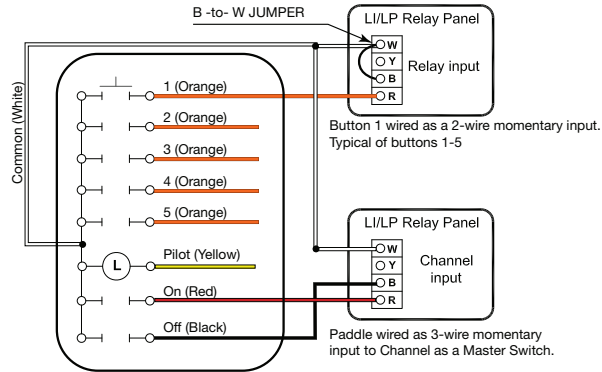
2. Connect wires as appropriate for your application. See application wiring diagrams on next page. Flying leads from the DCC7 are stranded 22AWG.
3. Attach the wall plate.
4. Switch the circuit breaker ON.
5. Make sure the LED on the DCC7 responds as expected for your wiring application.

Wire Color	Signal	Description	Rating
WHITE	COMMON	Sensor applications: provides positive or negative potential for buttons and LED +. Panel applications: provides negative potential for buttons and LED+.	+/- 24V
YELLOW	LED+ (24V)	Provides positive or negative potential for powering indicator lights.	+/- 24V
RED	Top Paddle Button	Momentary, normally-open; upon contact closure either provides a momentary low or high input signal depending on COMMON wire configuration.	24V, 50mA
BLACK	Bottom Paddle Button	Momentary, normally-open; upon contact closure either provides a momentary low or high input signal depending on COMMON wire configuration.	24V, 50mA
ORANGE #1-#5	Buttons 1-5 as marked on wire	Momentary, normally-open; upon contact closure either provides a momentary low or high input signal depending on COMMON wire configuration.	24V, 50mA

Visit our website for FAQs: www.wattstopper.com

APPLICATION WIRING DIAGRAMS

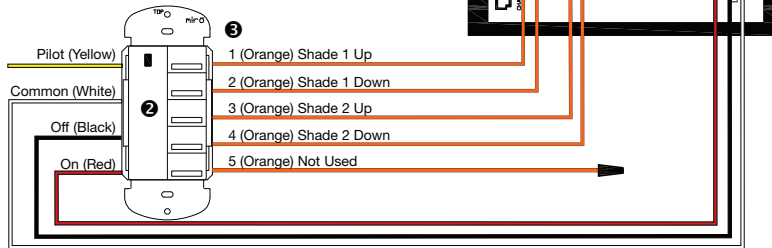
DCC7 with WattStopper LP or LI lighting control panel



DCC7 with a window shade control

Somfy 5 channel RTS shown. For wiring to other manufacturers' units contact technical support.

- 1 Jumper DCC7 Common to each channel used on the RTS.
- 2 In this application the DCC7 paddle acts as a master raise/lower for all shades.
- 3 Button 1-5 functions:
 - 1 - Raise shade 1
 - 2 - Lower shade 1
 - 3 - Raise shade 2
 - 4 - Lower shade 2
 - 5 - Not used



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