

# SW-U6 universal smart switch with 3 shutter/lighting gangs, a dry contact channel, and 2 scenario gangs.

## No neutral

Model number - SW-U6

This smart switch is suitable for installation in a 3-place or 4-place box - there are 6 gangs:

**3 shutter/lighting gangs** - each gang can be configured to control a shutter or lighting. The module can be set to control 3 shutters, 2 shutters, and a light or a shutter with 2 lights and more. The configuration of the switch is determined by the dip-switches located on the back of the switch.

**A gang** with a dry contact output.

**2 gangs** for scenarios which allow up to 4 additional scenarios.

**The switch has a current sensor** that protects the switch from overload. It also measures the current consumption of the switch. In shutter mode, the current sensor detects the stopping of the shutter when it fully opens or closes. This allows for precise control of the shutter based on percentages through scenarios and the App.

**The switch has a high-quality tempered glass panel**, easy to clean, long-lasting, and scratchproof.

### Product Description // module for 6 shutter/light gangs, dry contact

Power supply	100-240V   50-60 Hz
Load range	0-5A. On the dry contact up to 10A
Transmission frequency	MHz 433.5-434.5
Transmission range	up to 100M
Functionality	on/off, dimming, two-way switch, scenario switch, timed switch, shutter switch, louver shutter switch. dry contact
Background lighting	Shade of color and brightness can be set in the application
Current sensor	0-30A
Protections and safety	Triple protection: <a href="#">1//</a> Thermal fuse for protection against overheating. <a href="#">2//</a> Current sensor protection. <a href="#">3//</a> 5A fuse protection
Dimensions of the glass panel	140mm, height 83mm
Warning	Dry contact is without protection!!



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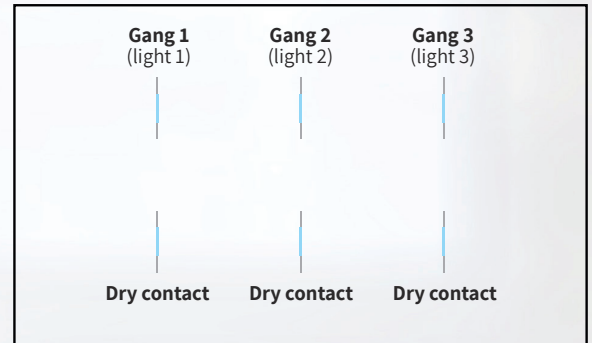
## Installation instructions

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The 6 gang zero switch can be configured as:

- 3 Universal switches (on/off, dimmer, shutter, louvered shutter, two-way, scenario, and timed)
- 2 scenario switches (scene/group)
- 1 dry contact/regular switch

The decorative frame must be removed from the module, connect the module to the wall and then connect the frame according to the pin connections.



### Installation as combined switch

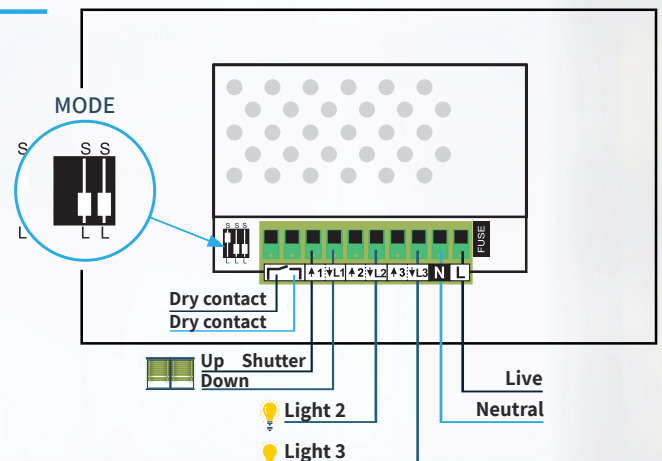
Connect line **to L**

Connected neutral **to N** (optional)

Connect live returns **to L2 and L3**

The down wire of the shutter **to L1** ↓  
and the ascending **to L1** ↑

- If a dry contact is required (e.g. a stairway light) connect to the dry contact connector. (up to 10A) alternatively you can bridge between L and one of the connectors and use it as a regular switch.



### Installation as triple shutter

Connect line **to L**

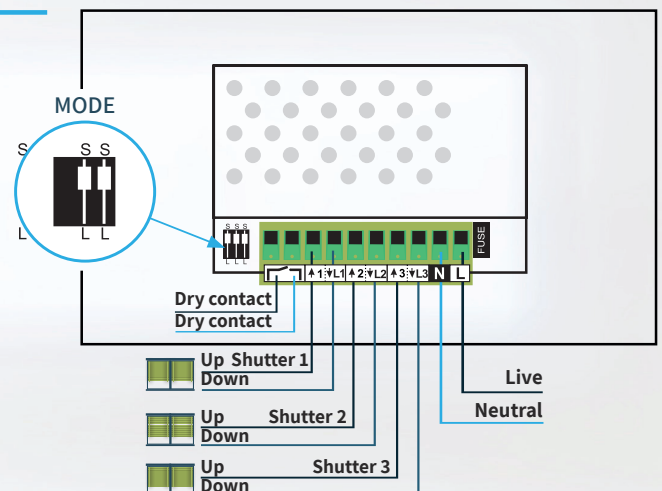
Connected neutral **to N** (optional)

Connect the down wire of the shutter **to L1**  
and the ascending **to L1**

Connect the down wire of the shutter **to L2**  
and the ascending **to L2**

Connect the down wire of the shutter **to L3**  
and the ascending **to L3**

- Position the dip switches as shown in the diagram.
- There is no need to connect a neutral.
- If there is a neutral it is advisable to connect it.
- It is recommended to connect a neutral for a dimmer switch



At low loads it may be necessary to add a capacitor to the load, or connect a neutral.



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### Additional advanced functions

#### Lock mode

This will disable the physical switch, however the switch will still operate from the application. It is also possible to create a scenario that can lock a group of switches. You are also able to create a timer that will operate the lock scenario.

#### Proximity sensor

This will turn on background lighting in the switch when your hand nears the panel.

#### Sensitivity

This allows you to set the sensitivity of the touch sensor.

#### Advanced button

By clicking this button in the application you can see the following data:

- **RSSI-EU** // Signal strength from the central unit to the switch. Signal over 100 is excellent reception. Signal 80-100 ok. Lower than 80 is bad.
- **RSSI-AP** // Signal strength from the switch to the central unit. Signal over 100 is excellent reception. Signal 80-100 ok. Lower than 80 is bad.
- **CURRENT** // The current passing through the switch. Measured by the current sensor.
- **VERSION** // Software version of the switch.

#### Double scenario

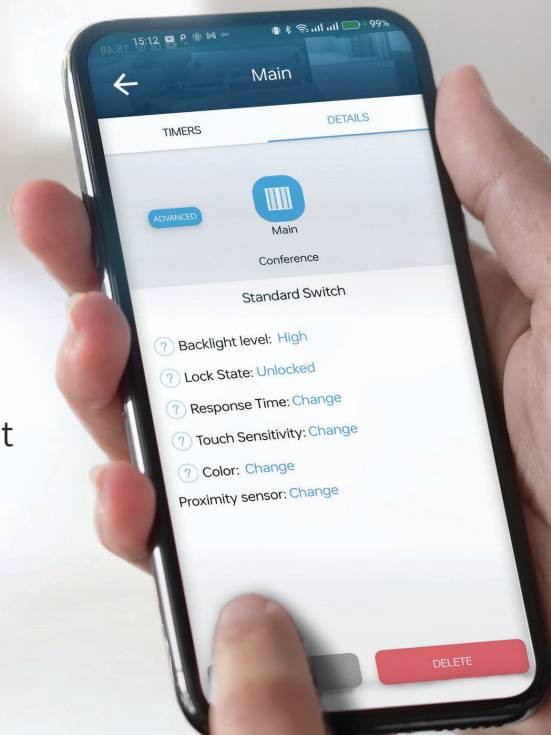
Use one switch to control two separate scenarios.

#### Response time

Change the length of time needed to touch the switch until it operates. Useful when you want to prevent accidental touches from triggering the switch. For example, a delayed press on a scenario to turn off multiple switches.

#### Colour

Change the on/off display colour of the switch



For more details - go to the tutorial section on the website

# www.SwitchBee.com



# CONFIGURABLE

•  
**Multifunctional configuration -**  
One module fits All

•  
**Set - Backlight**  
Color and intensity

•  
**Set -**  
Proximity sense

•  
**Set -**  
Touch Sensitivity

•  
**Set -**  
Response time

•  
**Set -**  
Lock

## Standard switch= On/Off

Simple turn 'on or off' of lighting or electrical appliance

## Scenario Switch

The ability to group multiple smart devices and control them together

## Dimmer Switch

The ability to dim a dimmable light

## Two Way Switch

The ability to set up a two way switch (more than one per light) without wiring

## Timed Switch

The ability to set activation time (From 1 second to 7 hours)

## Shutter / Curtain / Louvers

The ability to set the opening percentage of the shutter and the louvers

