

# Cync No Neutral Required Switches Specifications



## Device

Device	No Neutral Dimmer and Motion Sensing Switch	No Neutral Dimmer Switch	No Neutral On/Off Button Switch	No Neutral On/Off Toggle Switch	No Neutral On/Off Paddle Switch
Switch Image					
Switch Name	<b>No Neutral Dimmer and Motion Sensing Switch</b>	<b>No Neutral Dimmer Switch</b>	<b>No Neutral On/Off Button Switch</b>	<b>No Neutral On/Off Toggle Switch</b>	<b>No Neutral On/Off Paddle Switch</b>
Description	CSWDMBLBWF1NN	CSWDMOCBWF1NN	CSWONBLBWF1NN	CSWONBLTW1NN	CSWONBLPW1NN
Switch Type	Motion Dimmer	Basic Dimmer	Button Switch	Toggle Switch	Paddle Switch
Capability	On/Off, Dimming, Occupancy	On/Off, Dimming	On/Off	On/Off	On/Off
Finish	White	White	White	White	White
Wattage (Output)	120V, 60Hz: 150W LED 450W Halogen/ Incandescent	120V, 60Hz: 150W LED 450W Halogen/ Incandescent	120V, AC: Max 5A Incandescent Max 1.25A LED Max 3A 1/10HP Motor	120V, AC: Max 5A Incandescent Max 1.25A LED Max 3A 1/10HP Motor	120V, AC: Max 5A Incandescent Max 1.25A LED Max 3A 1/10HP Motor
Minimum Wattage Requirement	Minimum of 15W required. <b>Note:</b> Included bulb adaptor for medium base bulbs can be used if less than 15W.	Minimum of 15W required. <b>Note:</b> Included bulb adaptor for medium base bulbs can be used if less than 15W.	Minimum of 15W required. <b>Note:</b> Included bulb adaptor for medium base bulbs can be used if less than 15W.	Minimum of 15W required. <b>Note:</b> Included bulb adaptor for medium base bulbs can be used if less than 15W.	Minimum of 15W required. <b>Note:</b> Included bulb adaptor for medium base bulbs can be used if less than 15W.
Switch Back Housing (LxWxH)	2.6 x 1.75 x 1.18in (66 x 44.5 x 30mm)	2.6 x 1.75 x 1.18in (66 x 44.5 x 30mm)	2.6 x 1.75 x 1.18in (66 x 44.5 x 30mm)	2.6 x 1.75 x 1.18in (66 x 44.5 x 30mm)	2.6 x 1.75 x 1.18in (66 x 44.5 x 30mm)
Overall Switch Unit (LxWxH)	4.13 x 1.75 x 1.61in (105 x 44.5 x 41mm)	4.13 x 1.75 x 1.61in (105 x 44.5 x 41mm)	4.13 x 1.75 x 1.61in (105 x 44.5 x 41mm)	4.13 x 1.75 x 1.61in (105 x 44.5 x 41mm)	4.13 x 1.75 x 1.61in (105 x 44.5 x 41mm)
Faceplate (LxWxH)	4.6 x 2.9 x 0.28in (118 x 74 x 7mm)	4.6 x 2.9 x 0.28in (118 x 74 x 7mm)	4.6 x 2.9 x 0.28in (118 x 74 x 7mm)	4.6 x 2.9 x 0.28in (118 x 74 x 7mm)	4.6 x 2.9 x 0.28in (118 x 74 x 7mm)
Weight	0.25lbs (115g)	0.25lbs (115g)	0.25lbs (115g)	0.24lbs (110g)	0.24lbs (110g)
Indicators	Light Ring LED(RGBW)	Light Ring LED (RGBW)	Light Ring LED (RGBW)	LED (RGB)	LED (RGB)
Buttons	3	3	1 Central Button	1 Toggle Switch	1 Paddle Switch
Occupancy Sensor	PIR Sensor	No	No	No	No
Ambient Light Sensor	Yes	Yes	No	No	No
Air Gap Switch	Yes	Yes	No	No	No

## Electrical

Input Voltage	120V
Wires	3
Wire Type	Hot, Line, Ground
Neutral Required	No
Ground Required	Yes

## Controls

<b>On/Off Button</b>	Press or flip button to turn on/off the load (lights). This will not cut power to the switch.
<b>Dimmer +/- (Motion Dimmer and Dimmer Switch Only)</b>	Press '+' to turn up the brightness, press '-' to turn down the brightness. Brightness range: 5%-100%, 15% per step. Press and hold to dim the lights continually.
<b>Wireless Protocol</b>	Wi-Fi (2.4 GHz) and BLE
<b>Local Control</b>	Local control with BLE
<b>Out-of-Home Control</b>	Out-of-Home Control via OTA (Over The Air)
<b>Wi-Fi Range</b>	30m (open area)
<b>Mobile Compatibility</b>	Works with iOS 13 and above and Android 9 and above
<b>Voice Assistant Compatibility</b>	Works with Google Home and Amazon Alexa

## Environmental


Ambient Temperature	32°F to 104°F (0°C to 40°C)
Working Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Relative Humidity	< 88% 32°C
Environment (Wet, Dry, Damp)	Dry
IP Rating	IP20

## Certifications

<b>Safety Listing</b>	UL1472 (Dimmer Switches) UL60730-1 (Switches)
<b>FCC</b>	FCC Part 15 Class B

## Reliability and Warranty

<b>Warranty</b>	2 Year Limited
<b>Warranty Operating Conditions</b>	<b>Voltage:</b> 120V/60hz <b>Temperature:</b> 32°F to 104°F (0°C to 40°C) <b>Relative Humidity:</b> < 88% 32°C

 The following information applies for all Cync No Neutral Switches unless otherwise noted.

## Box Contents



- (1) Faceplate
- (4) Wire Nuts
- (2) Screws (Paddle and Toggle Switches Only)
- (4) Screws (Dimmer + Motion Sensing Switch, Dimmer Switch, and Central Button Switch Only)
- (1) Bulb Adapter
- (1) Installation Guide
- (1) Quick Start Guide
- (1) Wire Label Sticker Set

\*Image shown above is the Cync Neutral Required Dimmer and Motion Sensing Switch. Actual package will vary for each product.

## Compatibility

Cync switches will not work with traditional "non-smart" switches or 3-Way switches. Multi-location control is possible with two or more Cync Switches within a single App room via Bluetooth. For more information on wiring compatibility please view the [3-Wire \(No Neutral Required\) Switch Compatibility & Wiring Configurations](#) article.