

**PHILIPS**

SWS201

BP Switch WH



## Specification Sheet

# SWS201

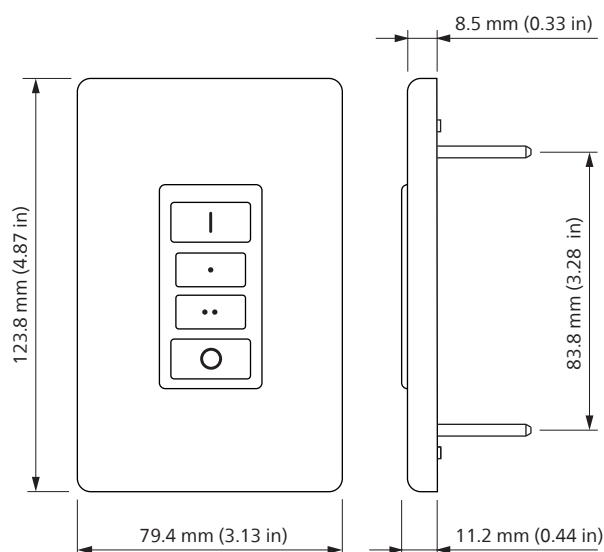
## Zigbee Green Power switch and scene selector

- No wiring and power connections required so easy to install.
- Battery operated; Green Power technology ensures long lifetime of the battery.
- Indoor distance that can be covered is typically 10 m (33 ft).  
for line-of-sight installations. When there are walls this will be reduced depending on the type and thickness of the walls.

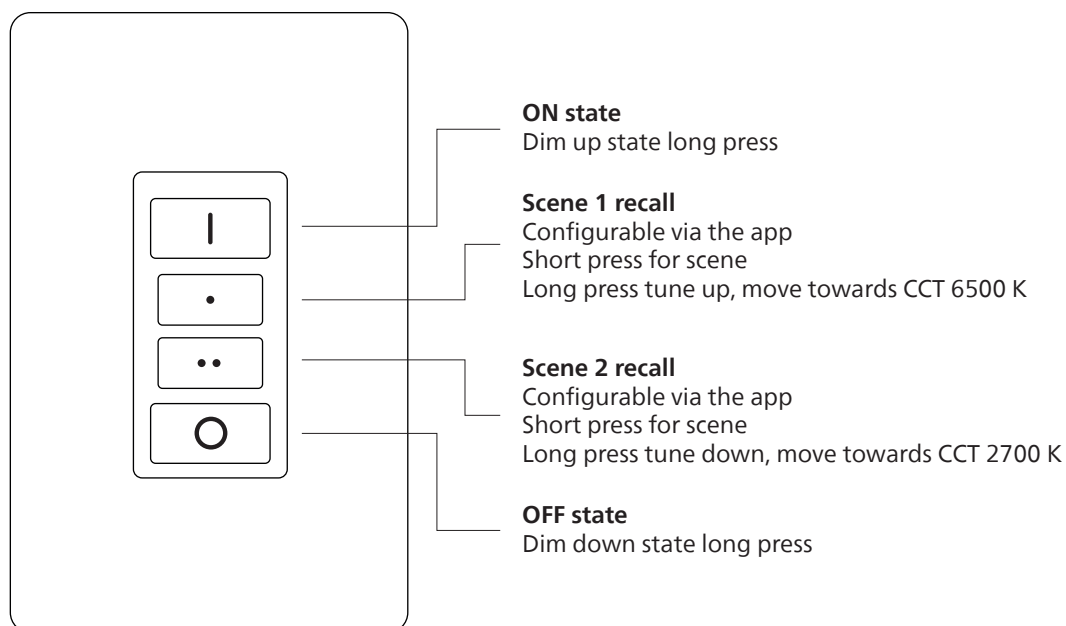
# SWS201

- Provides scene selection functionality, including ON/ OFF-buttons.
- Wireless communication based on the ZigBee Pro standard (IEEE 802.15.4, WPAN). There is no need to connect to any electrical power supply as the device is battery powered.
- When a button is pressed, or released, a message is sent including a unique 32 bit identifier which prevents interferences with other devices.
- The device is Interact ready and can be easily linked to a wireless standalone or connected lighting system.
- The devices are easy to install and use. Additional information can be found in the appropriate installation instructions.
- Scene selection for scene 1 and 2 set by default, but changeable when using the appropriate commissioning tools.

## Dimensional drawings



## Applications



# Specifications

## Communication

Wireless	Zigbee PRO Green Power IEEE 802.15.4 WPAN
Data rate	250 kbps
Carrier frequency	2.4 GHz
Transmission distances (typical values)*	
Indoor (plasterboard)	10 m (33 ft); max. 3 walls
Indoor reinforced concrete	7 m (23 ft); max 1 wall/ ceiling

## Electrical

Power supply	3 Vdc (battery)
Battery type	CR2032

## Physical

Dimensions (H × W × D)	123.8 × 79.4 × 11.2 mm (4.87 × 3.13 × 0.44 in)
Weight	0.072 kg (0.16 lb)
Housing	Polycarbonate
Color	White (similar to RAL9000)

## Environment

Temperature (operating)	–5 to +45 °C (23 to 113 °F)
Temperature (storage and transport)	–45 to +60 °C (–49 to +140 °F)
Relative humidity (operating)	20 to 80% (non-condensing)
Relative humidity (storage and transport)	0 to 85% (non-condensing)

## Compliances and approvals

Protection rating	IP20
EMC emission	FCC Part 15 - Subpart B ANSI C63.4-2014
EMC immunity	FCC Part 15 - Subpart B
Quality standard	ISO9001
Environmental standard	ISO14001, CE2522
FCC ID	2AGBW-SWS201
IC ID	20812-SWS201



## Packing data

Type	Dimensions	Qty	Material	Weight	
				net	gross
Single pack	475 × 175 × 190 mm (18.7 × 6.9 × 7.5 in)	50	Cardboard	3.6 kg (7.9 lb)	5.0 kg (11.0 lb)

## Ordering data

Type	MOQ	Ordering number	UPC1	UPC3
SWS201 BP Switch WH	50	9137 010 68413	046677588984	50046677588989

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