Signify

interact



Specification Sheet

UID8465/50

Zigbee Green Power Switch and Scene Selector

Signify's UID8465/50 switch is a kinetic wireless switch which operates using Zigbee green power. It can be used with Interact Ready systems.

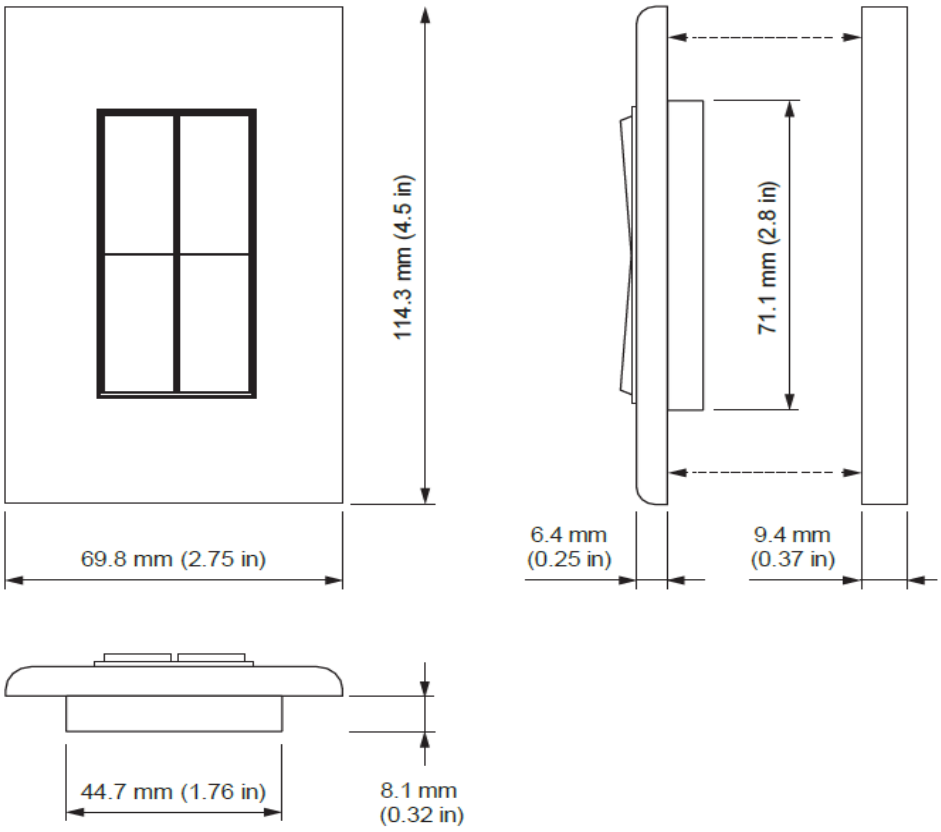
- No wiring or power connections are required, which facilitates easy installation.
- Low mechanical force is required to operate the device (typically less than 8 Newton).
- 4-button ON/OFF dimmer switch with scene selection.
- Indoor wireless range typically 10 m (33 ft). Walls and obstacles might reduce the range.

UID8465/50

Features and benefits

- Wireless communication based on ZigBee Pro standard (IEE 802.15.4 WPAN). The switch does not require any electrical connections.
- Switch uses 32-bit identifier and data encryption to prevent interference with other devices.
- Single rocker and dual rockers are both included for configuration as 2-button or 4-button wireless switch.
- Buttons have dual functions: short press for ON/OFF, long press for dim up/down.
- Scene selector buttons can be programmed and configured during commissioning.
- Easy to install on top of a single gang wall box or surface mounted on a wall.
- Compatible with standard decorator faceplates.

Dimensional drawing



Specifications

Communication

Wireless Communication Protocol	Zigbee PRO Green Power IEEE 802.15.4 WPAN
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

Physical

Dimensions (H x W x D)	114.3 x 69.8 x 15.7 mm (4.5 x 2.75 x 0.62 in)
Weight	0.118 kg (0.26 lb)
Housing	Polycarbonate
Color	White (similar to RAL9000)

* Distance is largely influenced by the wall/ceiling material and the angle that the transmitted signal is intersecting with. Note: fire-safety walls, elevator shafts and so on are considered as shielding.

Electrical

Power	Self-generated by button press
Agency Compliance	Class 2 low voltage

Environment

Temperature (operating)	-10 to 45 °C (14 to 113 °F)
Relative humidity	5 to 95% RH (non-condensing)

Compliances and approvals

EMC emission	FCC Part 15 - Subpart B ANSI C63.4-2014
EMC immunity	FCC Part 15 - Subpart B
Approbations	CE, UKCA, RoHS

Ordering data

Type	MOQ	Ordering number	Region of sale
UID8465/50 ZGP 4B Scene Sel Engraved	1	9124 0159 2572	Global

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