

Product Overview & Specification

U+ Switch enables Light ON/OFF remotely with capacitive touch buttons and wireless connection (Z-Wave[®] ①).

■ Functions

1. Light ON/OFF (Capacitive touch button, Wireless connection)
2. Current capacity : Light power consumption standard

	1 Contact	2 Contact	3 Contact
1 switch	30W~380W	X	X
2 switch	30W~380W	~380W	X
3 switch	30W~380W	~380W	~380W

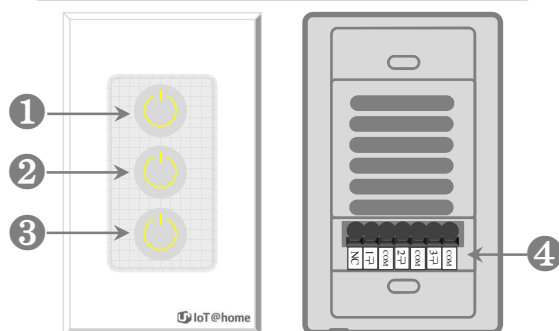
① Z-Wave : Wireless communications protocol with low-power and low-bandwidth, such as home automation and sensor network

■ Association Group Information

1. Association Command Class supports 4 groups.

Group ID	Max. Nodes	Description
1	5	Z-Wave Plus Lifeline
2	5	Button 1 Switch On/Off Notification
3	5	Button 2 Switch On/Off Notification
4	5	Button 3 Switch On/Off Notification

Product figuration and each name



[Front]

[Rear]

- ① 1st Button : Light connected to point #1 ON/OFF
- ② 2nd Button : Light connected to point #2 ON/OFF
- ③ 3rd Button : Light connected to point #3 ON/OFF
- ④ Wiring connect socket
 - Jack to connect the wiring of light switch
 - Terminal sequence

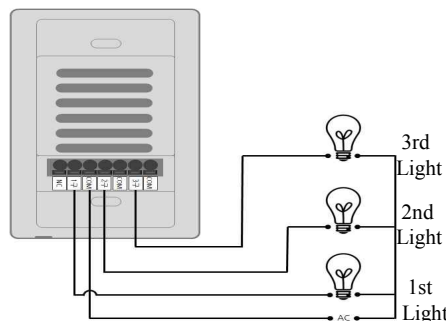
NC	1st	COM	2nd	COM	3rd	COM
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▶ NC : It can be connected to an unused line

※ Caution : Unused line should be kept sealed, in order not to flow the current.

- ▶ 1st : Line connect terminal to Light #1
- ▶ 2nd : Line connect terminal to Light #2
- ▶ 3rd : Line connect terminal to Light #3
- ▶ COM: Common line connectors

Wiring



Buttons and LED/Light action

○ When Light ON, short “Beep” sound, LED off

○ When Light OFF, short “Beep” two times. LED On.

○ Z- Wave Add / Remove*

- ▶ Add / Remove by the button in the bottom
 - Point #1 by 1st button, Point #2 by 2nd button, Point #3 by 3rd button.
- ▶ Press the button for 5 seconds,
 - “Beep” 3 times
 - Hands off the button, leads to Add / Remove mode.
 - Then, Button LED blinks every once a second.
 - Over 30 seconds, Add / Remove mode off and return.
- ▶ When keep pressing buttons after 5 seconds,
 - “Beep” sounds 5 times after 10 seconds.
 - Hands off the button, and initialized.
 - When initialized, whole adding information erased.
 - All lights OFF. Button LED all ON.

○ Product Reset Instructions

(* Use this procedure only when the network primary controller is missing or otherwise inoperable.)

- 1) Hold the low touch button for 10 seconds.
 - Keep holding the button, then at 5 second, 3 beeps will come out, and keep holding
 - 10 seconds later, 5 beep sounds can be heard, and then withdraw touching the low button, so that factory reset should be started.
- 2) After factory reset is done, all the lamps will be turned off and all variables will be initialized to default values.

○ “Beep” sounds when lights turn ON/OFF with Smartphone App.

*“Add” means “Include” the device into the Z-Wave network
*“Remove” means “Exclude” the device from the Z-Wave network.

Precautions

- Please read the instructions/setup manual before construction/wiring work/operation/repair/check.
- Danger : When mishandled, danger of mortality risks or serious injury.
- Caution : When mishandled, possibility of slight injury or property damage.
- Danger
 - (1) Before installing the product, be sure to shut circuit breaker OFF to cut off the power. Danger of electric shock during install.
 - (2) Be sure to attach barrier to the part of power side. If not, danger of short accident.
 - (3) Be sure not to contact exposed terminal. Cause of short-circuit and electric shock.
 - (4) If the circuit breaker operated automatic shut-off, please be sure to remove the cause before turning on the power. Electric shock or fire may occur.
- Cautions
 - (1) Be sure to read this instructions before product install, and follow instruction when installing..
 - (2) There is a risk of malfunctions and accidents caused by improper installation. Installation and maintenance of the circuit breaker should be done by a qualified person .
 - (3) Avoid circumstances including rainwater· oil ·dust ·sunlight, etc.. Danger of electric shock, short circuit, fire, malfunctions.
 - (4) Connect to a power source in accordance with the rated power of the product. If not, may cause a unit malfunction and failure.
 - (5) Because the operating current is changed according to the mounting angle of the product, install the product and the wall is to be perpendicular to the ground
 - (6) Be sure not to drop and break the product during handling and installation
 - (7) Damage or dismantle caused by user carelessness would not be guaranteed.
 - (8) For detailed information, you may refer to the catalogue or visit our website at www.ezex.co.kr or contact our representative contact number.