Radium

SMART Blue
Bluetooth Control
Wall Switch

General

Wireless Wall Switch for Integration into existing Switch Design Series

The Bluetooth Control Wall Switch enables comfortable control of all other SMART Blue components. The wall switch does not need any batteries, because enough energy is generated to send wireless BLE telegrams to the other devices by pressing the rocker for only one time.
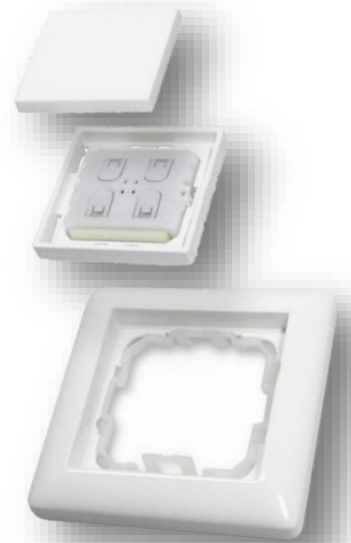
The Bluetooth Control Wall Switch may easily be integrated into many existing switch design series and so, becomes an energy self-sufficient use interface for your SMART Blue light control. A white frame and a bonding sheet is enclosed, so that the switch can be easily mounted on your wall. Both single and double rocker are included in the delivery and can be used alternatively (never both at once, you will get only one module and two alternative rocker switches).

The Wall Switch has to be configured with the Camsambi App. The App can be downloaded in the App-Store or Google Play store for free. You can find an instruction for the app and all information about the other SMART Blue components in our Download-Area or on the SMART Blue Information sites.

ATTENTION!: For the first initiation, the switch can only be put into operation by an Android-device with NFC-interface. Apple does not have the necessary programming interface. When the switch is added to a network by an Android-device, you can also configure the switch via iOS and the Casambi App afterwards.

Characteristics

- Article number: LMZA1736
- Single / Double rocker switch included
- Control single lamps as well as groups of lamps
- Dim luminaires up and down by long-pressing one button
- Easily integrated into many established switch design series
- Completely wireless switch without batteries
- Compatible with all other SMART Blue devices

Function

The module contains an electro-dynamic energy modifier, which is activated by a rocker-movement. Electric energy will be generated by pushing down or releasing the rocker switch and one set of BLE telegrams will be transmitted, which identifies the rocker status (pushed down or released).

Provided that you use the double rocker, there are 4 free switches available. It is possible to add a scene, a lamp or a group of lamps to each switch position and then turn them on and off. By holding the particular switch, the lamps or scenes may be dimmed in a step less way.

The enclosed switch frame can be replaced by frames of the following design programs:

Hersteller	Produktprogramm
BERKER	S1, B1, B3, B7 Glas
GIRA	Standard55, E2, Event, Esprit
Jäger Direkt	Inform, Kubus, Fusion
JUNG	A500, Aplus
MERTEN	M-Smart, M-Arc, M-Plan

Technische Daten

Technical Data	
Radio Transmitter	PTM 215B pushbutton module with integrated antenna
Output power	0 dBm
Range	75m outside / 10m within one room
Frequency	2.4 GHz / Bluetooth Low Energy (BLE)
Radio frequency (min/max)	2402 MHz / 2480 MHz
Standard radio channel	BLE CH 37/38/39 (2402 MHz/2426 MHz/2480 MHz)
Data rate and Modulation	1 Mbit/s GFSK
Configuration interface	NFC Forum type 2 tag (ISO/IEC 14443 part 2 und 3)
Device identification	unique 48 Bit Device ID (factory-provided programmed)
Security	AES128 (CBC Modus) with sequence ode
Energy supply	Battery-less (electromechanical energy converter)
Channels	2 or 4 (single- or double rocker with medial position)
Lifetime	> 50.000 activities (switching cycle) EN 60669 / VDE 0632
Dimensions and Mounting	
Dimension of rocker	50x50 mm
Dimension double rocker	25x50 mm (for each of the two switches)
Dimension frame insert	55x55 mm
Dimension central plate	71x71 mm
Dimension frame	81x81 mm
Total installation height	14 mm (frame is directly put on the wall)
Mounting	Gluing (double-sided mounting film enclosed) Screwing onto flat surface
Environmental Conditions	
Operating temperature	-25…65°C
Storage temperature	-25…65°C
Humidity	0% to 95% r.h. (not cond.)

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