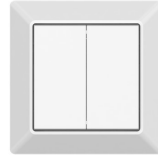# Casambi Switch 55

The Switch 55 wall switch can be positioned anywhere and is maintenance-free

Article no.: 1051xx / 1052xx

Description

Products from the AIMOTION Switch 55 Series can be used to control individual luminaires, luminaire groups, all luminaires in a network, elements, scenes, animations and color temperature. The Switch 55 wall switch can be placed anywhere and is based on EnOcean's maintenance-free PTM 215B Bluetooth Low Energy transmitter module, which generates energy by pressing a button. The buttons can be assigned individually. The setting is made via the Casambi app.
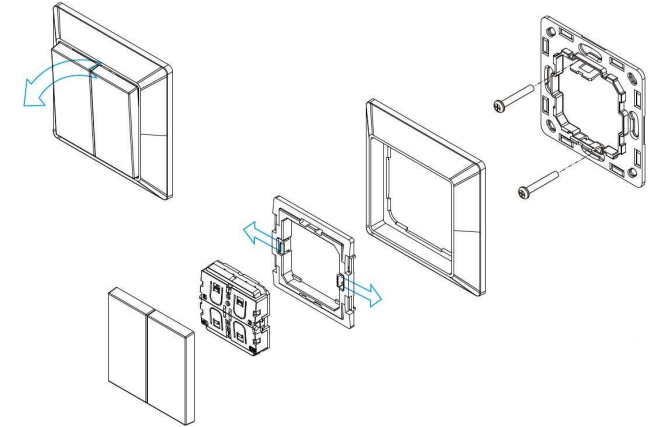
- Freely placeable (without cable)
- Maintenance - free (without battery)
- Individual configuration
- On/off switch

- Infinitely dimmable
- Control of all lights, devices, groups and scenes
- Changing the color temperature
- Resume / start automation

Add Switch 55 to a network

- More -> switches
- Tap on "add EnOcean-switch"
- Touch the switch with the back of your NFC-enabled mobile device
  (Android device or Apple device from iPhone 7)
- The wall switch is then visible in the app
- To change the model „Four push buttons", tap on the image and select e.g. the model "Dimmer and temperature"

Note on the Casambi App:

- If you want to use the same Switch 55 wall switch with multiple networks, both networks must use the same frequencies. These requirements are the same for Classic and Evolution networks

Technical Details

Description	Features
Radio transmitter	Keypad module with integrated antenna
Power source	electrodynamic energy generator, maintenance-free
Frequency / protocol	2,4 GHz / Bluetooth Low Energy (BLE)
Channels	2-4 (rocker with medial position, pressed/released)
Dimensions of rocker	55 x 55 mm
Dimensions of frame	88 x 88 x 15 mm Universal: 80,5 x 80,5 x 15 mm
Mounting	Screw connection, 3M adhesive film included in scope of delivery
Ambient temperature	-25 .... +65°C
Air humidity	0 .... 95% rel. humidity
Degree of protection	IP20
Life span	> 50.000 activations according to EN60669 / VDE0632

Declaration of Conformity:
Hereby AIMOTION GmbH declares that the product Switch 55 is in compliance with Directive 2014/53/EU.
The detailed declaration of conformity can be found at https://www.aimotion-smartliving.de/en/support-en/download/ in the product category Switches.

Note
Technical changes and errors excepted. 01.2022.

Models (Casambi App)

Four push buttons   Two buttons, one rocker

Two rocker switches   Dimmer and temperature

Two push buttons   One rocker switch

Mounting

The wall switch can be screwed onto various substrates with the aid of the retaining plate or glued onto smooth substrates (glass, wood, tiles) with the enclosed 3M adhesive film.

The wall switch can be mounted on an existing flush-mounted box.

Due to the wall switch's flat design, existing switch installations can also be extended without an additional flush-mounted box.
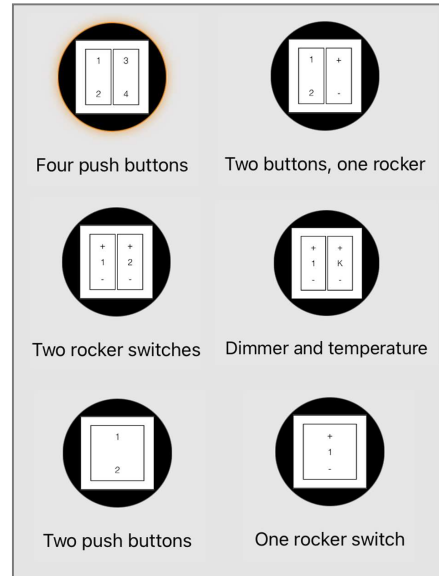
The range of up to 30 meters can be negatively affected by:

- Mounting the wall switch on metal walls
- Lead glass or metal-coated glass
- Insulation wool with metal foil

Product Overview Switch 55 Series

Art.-No.	Description		Art.-No.	Description
1052UW	Switch 55 Universal white matt 2-way rocker 4-channel			
1052UB	Switch 55 Universal black matt 2-way rocker 4-channel			
1051B	Switch 55 anthracite matt 1-way rocker 2-channel		1051G	Switch 55 Glass 1-way rocker 2-channel
1051BN	Switch 55 anthracite matt 1-way rocker 2-channel numbers		1051GN	Switch 55 Glass 1-way rocker 2-channel numbers
1051BA	Switch 55 anthracite matt 1-way rocker 2-channel arrows		1051GA	Switch 55 Glass 1-way rocker 2-channel arrows
1052B	Switch 55 anthracite matt 2-way rocker 4-channel		1052G	Switch 55 Glass 2-way rocker 4-channel
1052BN	Switch 55 anthracite matt 2-way rocker 4-channel numbers		1052GN	Switch 55 Glass 2-way rocker 4-channel numbers
1052BA	Switch 55 anthracite matt 2-way rocker 4-channel arrows		1052GA	Switch 55 Glass 2-way rocker 4-channel arrows
1051W	Switch 55 white 1-way rocker 2-channel		1051GB	Switch 55 Glass black 1-way rocker 2-channel
1051WN	Switch 55 white 1-way rocker 2-channel numbers		1051GBN	Switch 55 Glass black 1-way rocker 2-channel numbers
1051WA	Switch 55 white 1-way rocker 2-channel arrows		1051GBA	Switch 55 Glass black 1-way rocker 2-channel arrows
1052W	Switch 55 white 2-way rocker 4-channel		1052GB	Switch 55 Glass black 2-way rocker 4-channel
1052WN	Switch 55 white 2-way rocker 4-channel numbers		1052GBN	Switch 55 Glass black 2-way rocker 4-channel numbers
1052WA	Switch 55 white 2-way rocker 4-channel arrows		1052GBA	Switch 55 Glass black 2-way rocker 4-channel arrows
1051S	Switch 55 silver 1-way rocker 2-channel		1051SSW	Switch 55 Stainless Steel 1-way rocker 2-channel
1051SN	Switch 55 silver 1-way rocker 2-channel numbers		1051SSWN	Switch 55 Stainless Steel 1-way rocker 2-channel numbers
1051SA	Switch 55 silver 1-way rocker 2-channel arrows		1051SSWA	Switch 55 Stainless Steel 1-way rocker 2-channel arrows
1052S	Switch 55 silver 2-way rocker 4-channel		1052SSW	Switch 55 Stainless Steel 2-way rocker 4-channel
1052SN	Switch 55 silver 2-way rocker 4-channel numbers		1052SSWN	Switch 55 Stainless Steel 2-way rocker 4-channel numbers
1052SA	Switch 55 silver 2-way rocker 4-channel arrows		1052SSWA	Switch 55 Stainless Steel 2-way rocker 4-channel arrows