

Casambi Bluetooth + RF Relay Switch

Feature

- Casambi Bluetooth +RF relay switch, 10A dry contact relay output, with zero-crossing detection function.
- For on/off single-color LED lights, conventional incandescent and halogen lamps without dimming.
- Casambi APP control, supports On/Off, group control, scene editing, power-on status and various power-down memory settings.
- Match with RF 2.4G remote control optional.
- With self-reset switch input interface.
- Built-in high surge specification relay.
- Can be mounted on a rail or in a standard wall junction box.

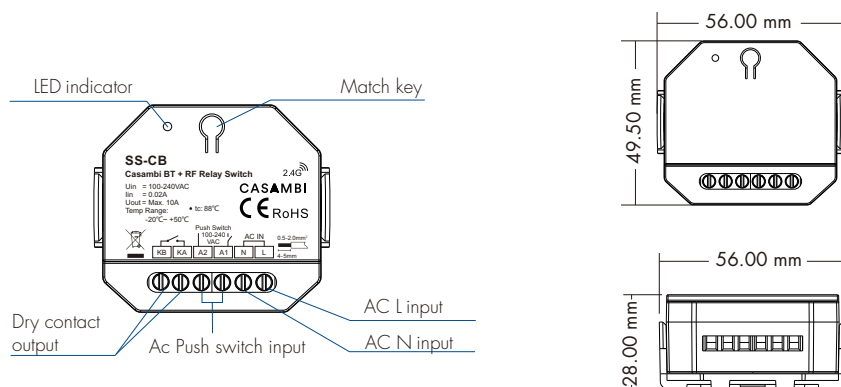


CE RoHS

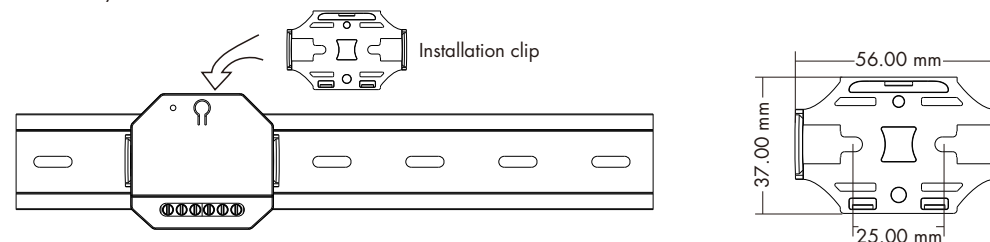
Technical Parameters

Input and Output		Environment		Safety and EMC	
Input voltage	AC100-240V	Operation temperature	Ta: -20 °C ~ +50 °C	EMC standard	EN IEC 55015/ EN IEC 61547 ETSI EN 301 489-1/-3/-17
Input current	0.02A	Case temperature (Max.)	Tc: +88 °C	Safety standard	EN 60669-1/-2
Relay contact	single-pole, single-throw (SPST) relay	IP rating	IP20	Radio equipment	ETSI EN 300 440 ETSI EN 300 328
Relay maximum load current	10A Resistive load 8A Capacitive load (LED driver) 6A Inductive load (fluorescent lamp)	Warranty and Protection		Certification	CE RoHS
Input signal	Bluetooth+RF 2.4GHz+Push	Warranty	5 years	Package	
Control distance	30m(Barrier-free space)	Protection	Overheat	Size	160 × 160 × 40mm
				Gross weight	0.061kg

Mechanical Structures and Installations

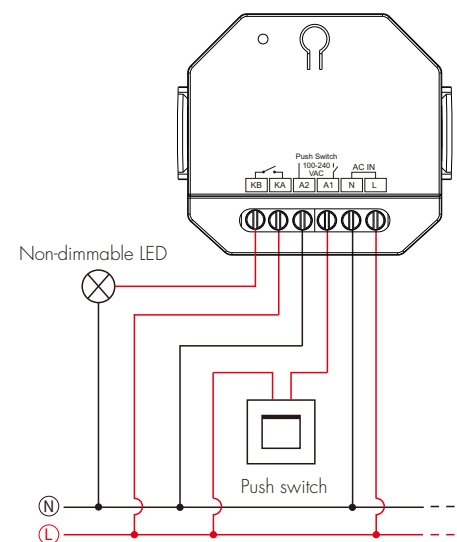


Installation way



1. The installation must be installed or removed by a professional electrician.
2. Please keep the device out of the reach of children.
3. Please keep away from water, humid or hot environment.
4. The device should be kept away from strong signal sources (such as microwave ovens) to avoid signal interruption and cause the device not to work properly.
5. Avoid placing the device close to or near high-density materials (such as metal, concrete walls, etc.), which will reduce or block the wireless signal.

Wiring Diagram



Push on/off: Short press to switch on the light; short press again to switch off the light.

Note:

The maximum inrush current of the AC output is 200A.

When connecting multiple capacitive (LED driver) or inductive loads, be careful that the sum of the inrush currents does not exceed its maximum value, or the product will be damaged if used for a long time.

Casambi APP Connection

Use Casambi APP for the first time

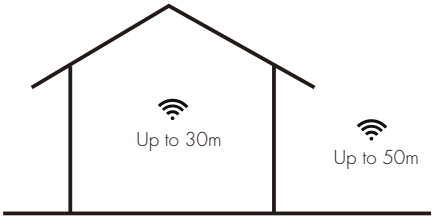
When devices are used for the first time, they need to be added to the network.
A device can only be part of one network.
All Casambi devices are normally supplied in an unpaired state.

1. Download the Casambi APP from the Apple App Store or Google Play Store.
2. The device is powered on and automatically enters the config state.
3. The APP will search for all devices with casambi turned on within the Bluetooth range of the mobile device.
4. When a device is added to the network, it can be controlled by application.

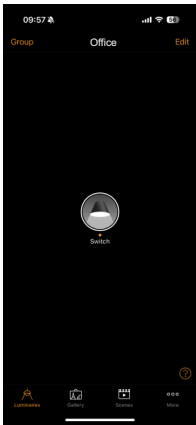


Compatible System: Android 4.4 and ios10.0 or above

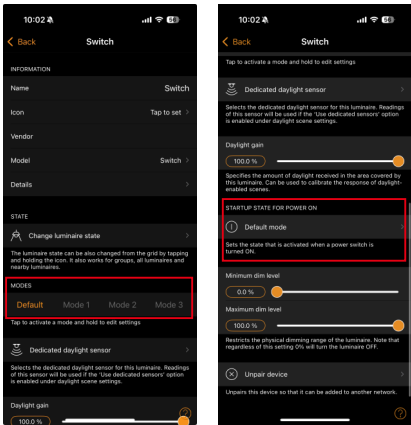
Casambi uses Bluetooth Mesh network technology and each Casambi device can also be used as a repeater for longer distances.
The distance is highly dependent on the surroundings and obstacles such as walls and building materials.



Casambi APP user interface



Short press the icon to turn on or off the light.



Double click the fixture icon to enter the setting interface:
Long press 'Mode 1/2/3' to edit/clear/cancel the setting mode.
Short press 'Default Mode' to select universal startup state.

Match RF Remote Control (two match ways)

End user can choose the suitable match/delete ways. Two options are offered for selection.
It is recommended that you use the match key to match all products and adjust the functions before installing them.
The power-on matching is recommended in the following cases:
Multiple controllers in the same zone are on the same circuit and can be turned off at the same time,
or the match key is not convenient for maintenance due to the mounting location.

Use the controller's Match key

Match:
Short press Match key,
immediately press on/off key (single zone remote)
or zone key (multiple zone remote) of the remote.
The LED indicator blinks 6 times means
match is successful.

Delete:
Press and hold Match key for 5s to delete all match,
The LED indicator blinks 6 times means
all matched remotes were deleted.

Use Power Restart

Match:
Switch off the power, then switch on power,
repeat again.
Immediately short press on/off key (single zone remote)
or zone key (multiple zone remote) 3 times on the remote.
The LED indicator blinks 3 times means match is successful.

Delete:
Switch off the power, then switch on power, repeat again.
Immediately short press on/off key (single zone remote)
or zone key (multiple zone remote) 5 times on the remote.
The LED indicator blinks 5 times means all matched remotes
were deleted.