

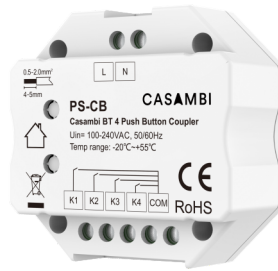
PS-CB



Casambi BT 4 Push Button Coupler

Features

- 4-channel push button coupler that can be integrated into the Casambi system.
- Customize the push button functions via the Casambi APP, such as turn lights on/off, adjust brightness and color temperature, and control groups/scenes/the entire network.
- Automatically forms a wireless communication network without the need for an external gateway or wireless local area network.
- Can be installed in a standard wall junction box.

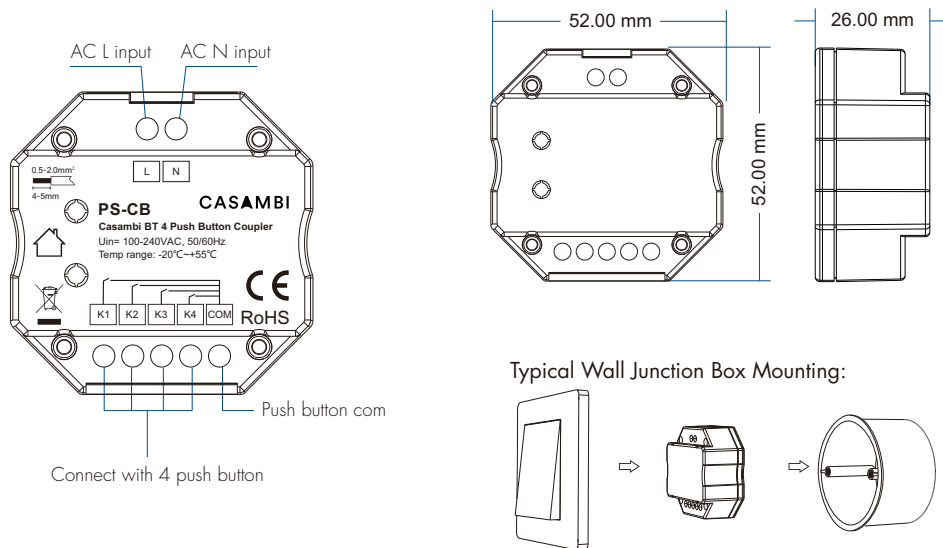


CE RoHS

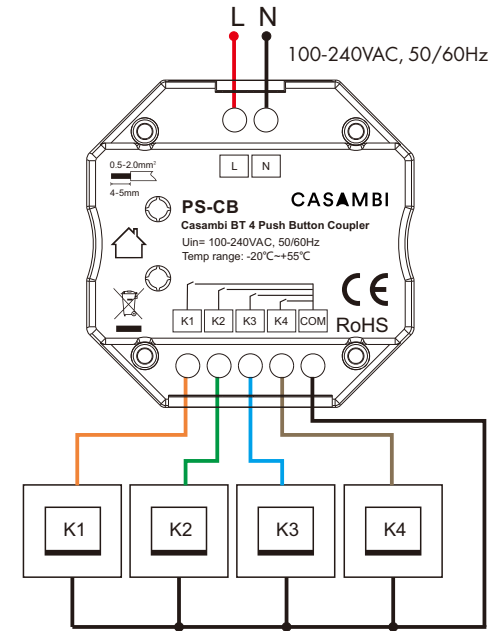
Technical Parameters

Input and Output	Environment	Safety and EMC
Input voltage: 100-240VAC	Operation temperature Ta: -20°C ~ +55°C	EN IEC 55015/ EN IEC 61547
Power consumption: < 0.19W	Case temperature(Max.) Tc: +60°C	EN IEC 61000-3-2/-3-3 ETSI EN 301 489-1/-3/-17
Input signal: 1-4 Push switch	IP rating: IP20	Safety standard: EN 61347-1/-2
Output signal: Bluetooth	Package	Radio equipment: ETSI EN 300 328 ETSI EN 300 440
Remote distance (Barrier-free space): Indoor 60m, Outdoor 80m	Size: 160 x 160 x 40mm	Certification: CE RoHS
	Cross weight: 0.065kg	Warranty: 5 years

Mechanical Structures and Installations



Wiring Diagram



Casambi APP Connection

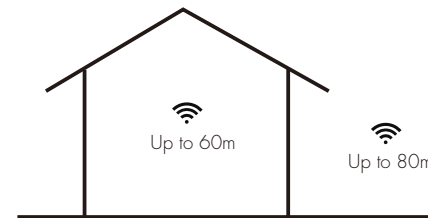
Use Casambi APP for the first time

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.



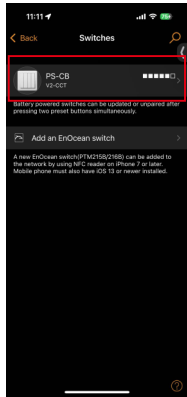
Compatible System: Android 4.4 and ios10.0 or above



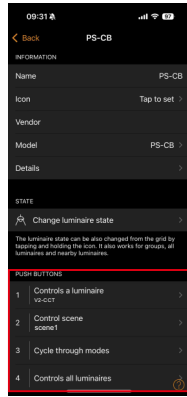
Casambi uses Bluetooth Mesh network technology and each Casambi device can also be used as a repeater for longer distances. The distance is highly dependent on the surroundings and obstacles such as walls and building materials.

Customize 1-4 Push button functions

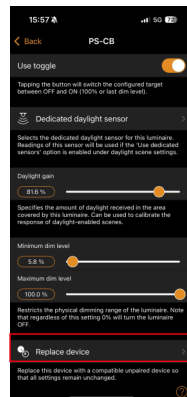
The 1-4 push button function must be defined in the Casambi APP before it can be used. For specific instructions, please refer to the Casambi APP user manual for more detailed information.



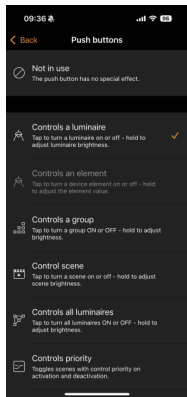
Pairing devices
Open the Casambi APP, add the coupler to the network, In the "More - Switches" interface, the display of "PS - CB" indicates a successful pairing.



Define button functions
Click to define functions for each button.

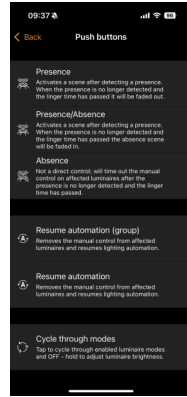
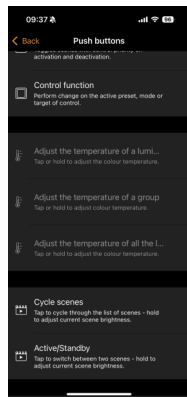


Replace device
Click to cancel pairing with this device, so that it can be added to another network.



The button defines the following functions:

- Not in use
- Controls a luminaire
- Controls an element
- Controls a group
- Control scene
- Controls all luminaires
- Controls priority
- Adjust the temperature of a luminaire/group/all luminaire
- Cycle scenes
- Active/Standby
- Presence
- Presence/Absence
- Absence
- Resume automation(group)
- Resume automation
- Cycle through modes



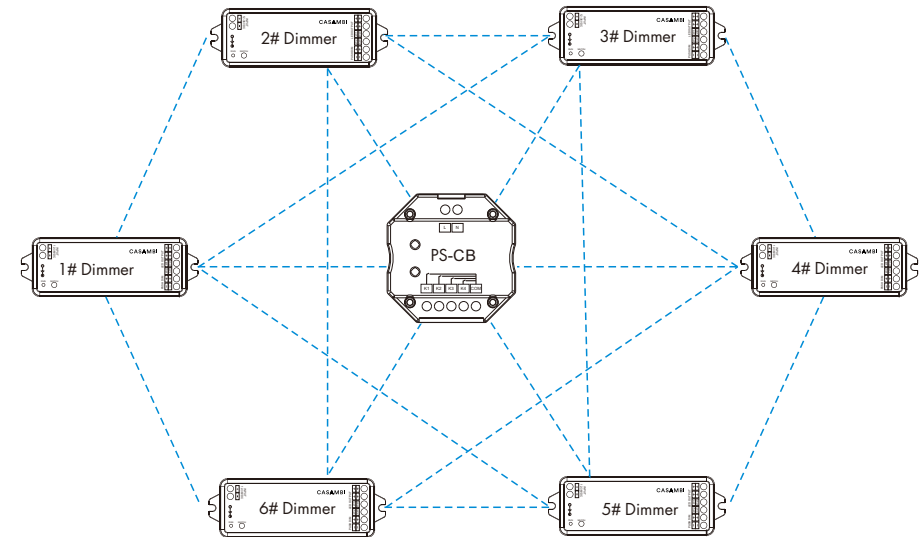
Application Example

The PS-CB push button coupler enables control of lighting on/off, color temperature adjustment, group/scene settings, etc., through customizable button functions.

For example, when connecting multiple Casambi 2-channel constant-voltage dimmers CB1, the 1-4 buttons (K1, K2, K3, K4) can be used to centrally manage lighting for multiple devices. First, set the lighting type of the dimmers to V2-CCT in the Casambi APP and group the dimmers according to actual needs. For example: Group dimmers 1#-3# into Group 1 and dimmers 4#-6# into Group 2.

Then, use the Casambi APP to define the PS-CB button functions. The button functions are defined as follows:

- Button K1: Controls Group 1 (short press to turn on or off the lights of all devices in Group 1, long press to adjust the brightness of all devices in Group 1).
- Button K2: Adjust the color temperature of group 1 (long press to adjust the color temperature).
- Button K3: Controls Group 2 (short press to turn on or off the lights of all devices in Group 2, long press to adjust the brightness of all devices in Group 2).
- Button K4: Adjust the color temperature of group 2 (long press to adjust the color temperature).



Note:

1. The above diagram is for application example demonstration only. Please refer to the wiring diagram section for details.
2. For the Casambi system, a network can support up to 250 devices.