



CASAMBI Bluetooth 4CH push button interfaces.

	TCSINP4BAT00	TCSINP40648	TCSINP423000
POWER SUPPLY	3V Battery CR2032	6-48VDC	230VAC
STANDBAY MODE	Yes	No	No
MESH REPEATER	No	Yes	Yes
INSTALLATION	-	External supply	Mains required
OPERATION TIME	Limited	Permanent	Permanent
DIMENSIONS	45 x 45 x 20mm	45 x 45 x 20mm	45 x 45 x 20mm
RANGE	30M in./ 50M outdoor.	30M in./ 50M outdoor.	30M in./ 50M outdoor.

Note: Battery-powered interfaces activate only during button presses then enter standby mode. Mains-powered versions remain active and can serve as network repeaters.

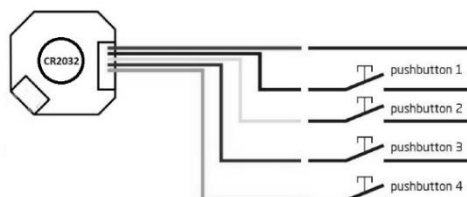
1. TCSINP4BAT00 : battery powered 4CH push button (CR2032).

Battery-Powered Version (Original)

This interface is designed to connect any 'normally open' push button to a Casambi network. Powered by a **CR2032 battery (3V)**, the interface doesn't need more cabling than the wires between the interface and the push buttons.

Specific Features:

- **Automatic standby mode** after each button press to preserve battery life.
- Does **not** allow **dimming** of lights due to battery conservation (only **on and off**).
- **Cannot serve as a repeater** in the Bluetooth mesh.
- Battery status monitoring available in the app.



Com : Black
1.Green
2.Yellow
3.Orange
4.Red

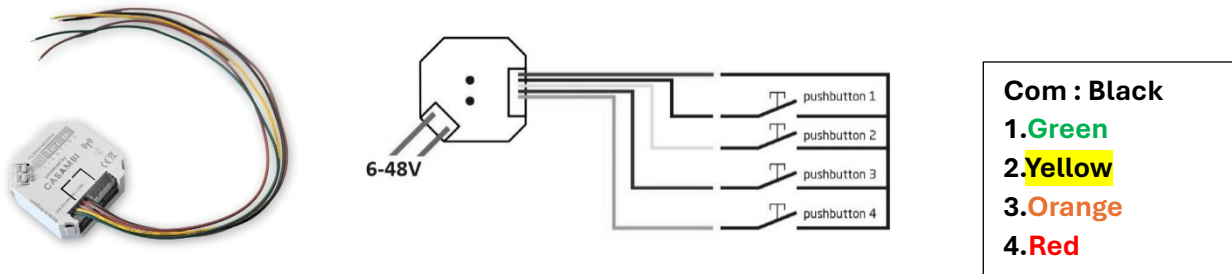
2. TCSINP40648 : 6-48V DC powered 4CH push button.

6-48V DC Powered Version

This version uses 6-48V DC low voltage supply, offering a compromise between safety and permanent operation:

Specific Features:

- Continuous low voltage power (6-48V DC).
- **CAN** serve as a repeater like the 230V version.
- Enhanced electrical safety thanks to low voltage.
- Ideal for integration into existing LED lighting systems.



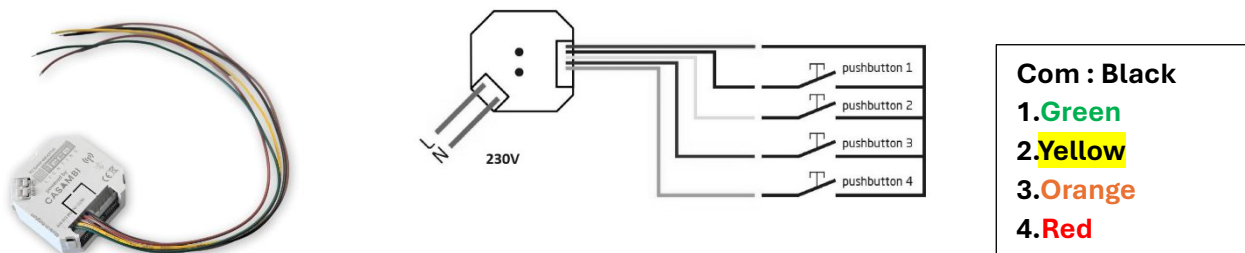
3. TCSINP423000 : 230V AC powered 4CH push button.

230V Powered Version

This interface requires a 230V mains power connection in addition to the push button wires. Unlike the battery version, it benefits from continuous power supply which changes its behavior:

Specific Features:

- Operates permanently (no standby mode).
- **CAN** serve as a repeater to extend mesh network range.
- Power consumption: maximum 10 mA.
- Ideal for permanent installations with fixed wall controls.





Quick Installation & Programming Guide.

1/Installation in a Casambi System.

Network Setup & Pairing.

Initial Setup:

1. **Download** the Casambi app from Google Play or Apple App Store
2. **Create a network** if needed: Open app → "Create new network" → Set name, location, sharing settings
3. **Choose network mode:** Balanced (mixed distances) or Performance (high density installations)
4. **Power up** the push button interface - it appears in "Nearby devices" as "Unpaired"

Adding to Network:

1. Navigate to **More** → **Nearby devices**
2. **Tap** the unpaired interface → Select "**Add to [Network Name]**"
3. Device now appears in **More** → **Switches** section

2/Programming the 4 Buttons

Button Configuration Access

- Go to **More** → **Switches** → **Tap** your interface
- Each button displays as "Button 1-4" with current mode
- **Tap any button** to open configuration options

Available Programming Functions.

Individual Luminaire Control :

- **Function:** "Controls a luminaire"
- **Setup:** Select specific lamp from network
- **Operation:** Single press = on/off, Long press = dimming

Group Control :

- **Function:** "Controls a group"
- **Setup:** Select pre-created luminaire group
- **Operation:** Controls all group members simultaneously

Scene Control :

- **Function:** "Controls scene"
- **Setup:** Select from existing lighting scenes
- **Operation:** Activates complete lighting scenario
- **Toggle option:** Same button turns scene on/off

Master/Context Control :

- **Function:** "Controls all luminaires" or "Control function"
- **All luminaires:** Controls entire network
- **Control function:** Context-sensitive - affects last activated element from other buttons

3/Advanced Functions

Scene Cycling:

- **"Cycle scenes":** Multiple scenes in sequence
- **Setup:** Select scenes and reorder by drag-and-drop

Mode Cycling:

- **"Cycle through modes":** Different dimming levels/colors
- **Setup:** Save preset modes for luminaire

4/Programming Example

- **Button 1:** Kitchen main lights (individual control)
- **Button 2:** Living room group (group control)
- **Button 3:** "Evening" scene (scene activation)
- **Button 4:** All off (master control)

Configuration Tips

1. **Toggle function:** Enable for on/off with same button
2. **Device identification:** Use magnifying glass icon to identify buttons during setup
3. **Naming:** Rename buttons and interface for easy recognition
4. **Testing:** Verify each function before finalizing setup

Note: Battery-powered interfaces activate only during button presses then enter standby mode. Mains-powered versions remain active and can serve as network repeaters.