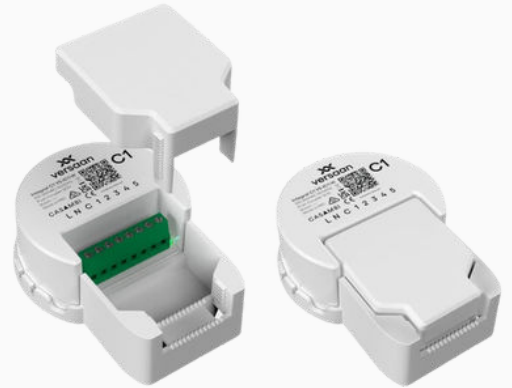


## CBU-MC1

### Casambi Contact Module

- // Bluetooth input module for external devices to trigger Casambi commands
- // Wirelessly programmable via Casambi app, to create different scenes and automations in conjunction with other Casambi devices
- // Full control of up to five push button inputs
- // 1.5mm<sup>2</sup> screw terminals
- // Comes with strain relief casing
- // Compatible with all other Casambi devices, to form a network



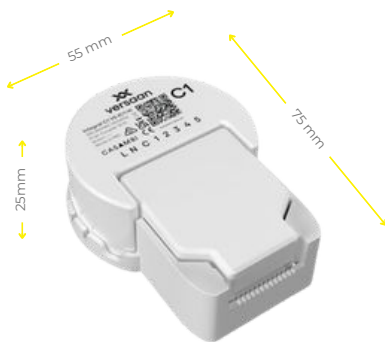
### Construction

A compact smart control interface engineered for switch-box integration, the MC1 gives installers and end users reliable, programmable control over Casambi-connected lighting systems.

Designed to fit standard switch boxes without space compromises, it connects up to five traditional momentary push-button switches and translates those inputs into on/off, dimming, scene recall and custom functions within a Casambi mesh network.

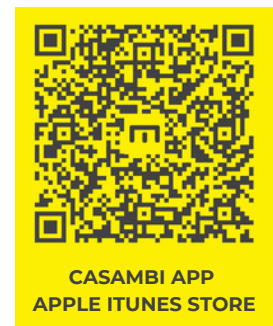
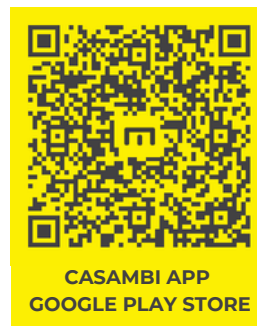
The MC1 is ideal where you want to retain familiar push-button interfaces but leverage wireless, scene-based and dimming control. Perfect for retrofit and new build commercial environments when paired with Casambi-enabled luminaires and control devices.

### Dimensional Drawings



Product Code	Colour	Dimensions
CBU-MC1	White	75mm x 55mm x 25mm
Technical Specifications		
Power Supply	100-277v AC, 50-60 Hz	
Input	5 x push buttons	
Radio operation frequencies	2.4 GHz band	
Wireless Range	Up to 98m outside, or 180m with LR	
Ambient temperature	0...+50°C	
Terminal capacity	0.5 - 1.5 mm <sup>2</sup> , loop in loop out	
Warranty	5 years	
Ingress Protection	IP20	

Casambi uses Bluetooth mesh network technology, so each Casambi unit, or Casambi Ready product, acts also as a repeater. Longer ranges can be achieved by using any Casambi unit as a repeater. Range is highly dependent on the surrounding obstacles, such as walls and building materials.



## CBU-MC1



### WARNING!

Hazardous voltages. Risk of electric shock or fire.



Only qualified professionals should make the connections. Disconnect the mains power supply and verify its absence prior to installation.

## Installation Instructions

CBU-MC1, as any other Casambi product, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.

Only push button (momentary) switches are to be connected to the MC1. If a latching switch is connected the functions will not work as intended. The MC1 uses Live connections with push buttons in order to detect presses and activate corresponding functions in the Casambi mesh network.

## Input and Output Wiring

Make sure that the mains voltage is switched off before making any connections. Use 0.5–1.5 mm<sup>2</sup> solid conductor electrical wires. Strip the wire 5 mm from the end.

WIRING DIAGRAM

