









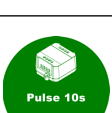

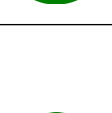



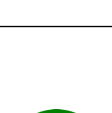












There are several Casambi fixture profiles available for CBU-2RL-2P. Depending on the fixture profile and power supply mode used, CBU-2RL-2P must be connected to the devices in a specific way. Wiring diagrams for each fixture profile are shown in this document.

Type	Profile			Description	Wiring diagram
	Fixture ID	Model / Name	Icon		
Relay	39318**	Toggle		Relay x2 fixture. Two toggle switches for relay output control. All lamps button or press/slide on the same profile icon DOES change the status of both relays.	
	39319	iToggle		Relay x2 fixture. Two independent toggle switches for relay output control. All lamps button or press/slide on the same profile icon does NOT change the status of both relays.	
	39320	Press		Relay x2 Profile. Two independent push buttons for relay output control. Releasing either of the two buttons will immediately deactivate its corresponding relay. All lamps button or press/slide on the same profile icon does NOT change the status of both relays.	
	39321	Pulse 0.3s		Relay x2 Profile. Two Independent push button for relay output control. Pressing either of the two push button will activate its corresponding relay for 0.3 seconds. All lamps button or press/slide on the same profile icon does NOT change the status of both relays.	
	39322	Pulse 1s		Relay x2 Profile. Two Independent push button for relay output control. Pressing either of the two push button will activate its corresponding relay for 1 second. All lamps button or press/slide on the same profile icon does NOT change the status of both relays.	
	39323	Pulse 10s		Relay x2 Profile. Two Independent push button for relay output control. Pressing either of the two push button will activate its corresponding relay for 10 seconds. All lamps button or press/slide on the same profile icon does NOT change the status of both relays.	
	39324	iToggle + Press		Relay x2 Profile. Two Independent mixed elements for relay output control. One toggle switch for one relay output control (O1) and one push button for the second relay output control (O2). Releasing the push button will immediately deactivate its corresponding relay. All lamps button or press/slide on the same profile icon does NOT change the status of both relays.	
	39325	iToggle + Pulse 0.3s		Relay x2 Profile. Two Independent mixed elements for relay output control. One toggle switch for one relay output control (O1) and one push button for the second relay output control (O2). Pressing the push button will activate its corresponding relay for 0.3 seconds. All lamps button or press/slide on the same profile icon does NOT change the status of both relays.	
	39326	iToggle + Pulse 1s		Relay x2 Profile. Two Independent mixed elements for relay output control. One toggle switch for one relay output control (O1) and one push button for the second relay output control (O2). Pressing the push button will activate its corresponding relay for 1 second. All lamps button or press/slide on the same profile icon does NOT change the status of both relays.	



	39327	iToggle + Pulse 10s		<p>Relay x2 Profile. Two Independent mixed elements for relay output control.</p> <p>One toggle switch for one relay output control (O1) and one push button for the second relay output control (O2). Pressing the push button will activate its corresponding relay for 10 seconds</p> <p>All lamps button or press/slide on the same profile icon does NOT change the status of both relays.</p>	1
	39328	Press + Pulse 0.3s		<p>Relay x2 Profile. Two Independent push button for relay output control.</p> <p>Releasing the first push button will immediately deactivate its corresponding relay output control (O1). Pressing the second push button will activate its corresponding relay output control (O2) for 0.3 seconds.</p> <p>All lamps button or press/slide on the same profile icon does NOT change the status of both relays.</p>	1
	39329	Press + Pulse 1s		<p>Relay x2 Profile. Two Independent push button for relay output control.</p> <p>Releasing the first push button will immediately deactivate its corresponding relay output control (O1). Pressing the second push button will activate its corresponding relay output control (O2) for 1 second.</p> <p>All lamps button or press/slide on the same profile icon does NOT change the status of both relays.</p>	1
	39330	Press + Pulse 10s		<p>Relay x2 Profile. Two Independent push button for relay output control.</p> <p>Releasing the first push button will immediately deactivate its corresponding relay output control (O1). Pressing the second push button will activate its corresponding relay output control (O2) for 10 seconds.</p> <p>All lamps button or press/slide on the same profile icon does NOT change the status of both relays.</p>	1
Misc.	39331	Presence		<p>Presence fixture. It doesn't appear under Lamps tab. A traditional motion sensor can be connected to behave as a Casambi presence sensor.</p>	2
	39332	Push Button x2		<p>Push button x2 fixture. It doesn't appear under Lamps tab. Two normally open (N.O.) push buttons can be connected.</p>	3
	39333	Repeater		<p>Repeater fixture. It doesn't appear under Lamps tab. The device will only behave as a repeater, always using a maximum radio TX power of +8dBm in all networks.</p>	4

** Default profile



Additional information

Summary of some terms and abbreviations that have been used throughout the document.

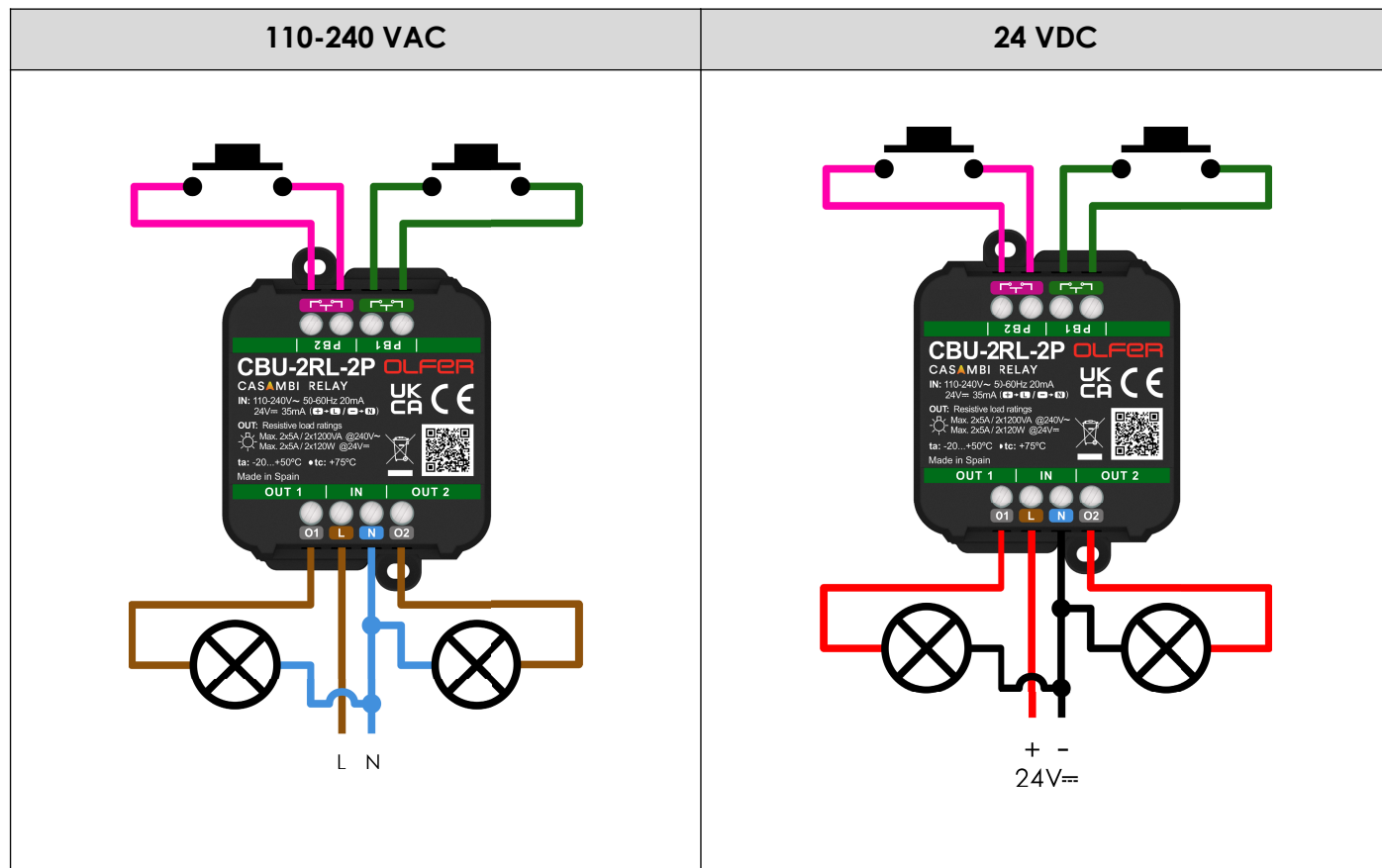
Abbreviation:	Description:
iToggle	The “i” in “iToggle” refers to the fact that the profile toggle switch is independent of the “All lamps” control or the control made by sliding over the profile icon.



Wiring diagrams:

Relay

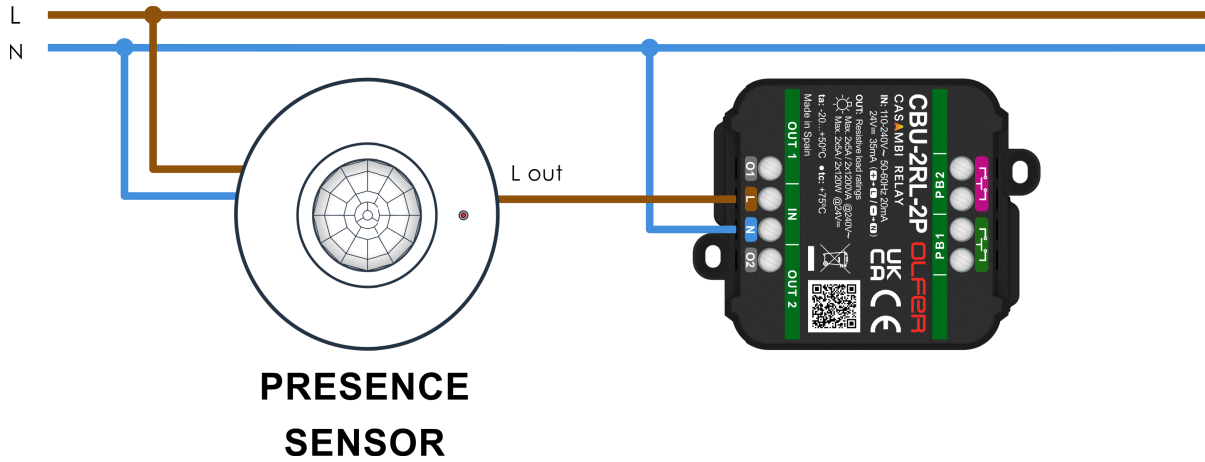
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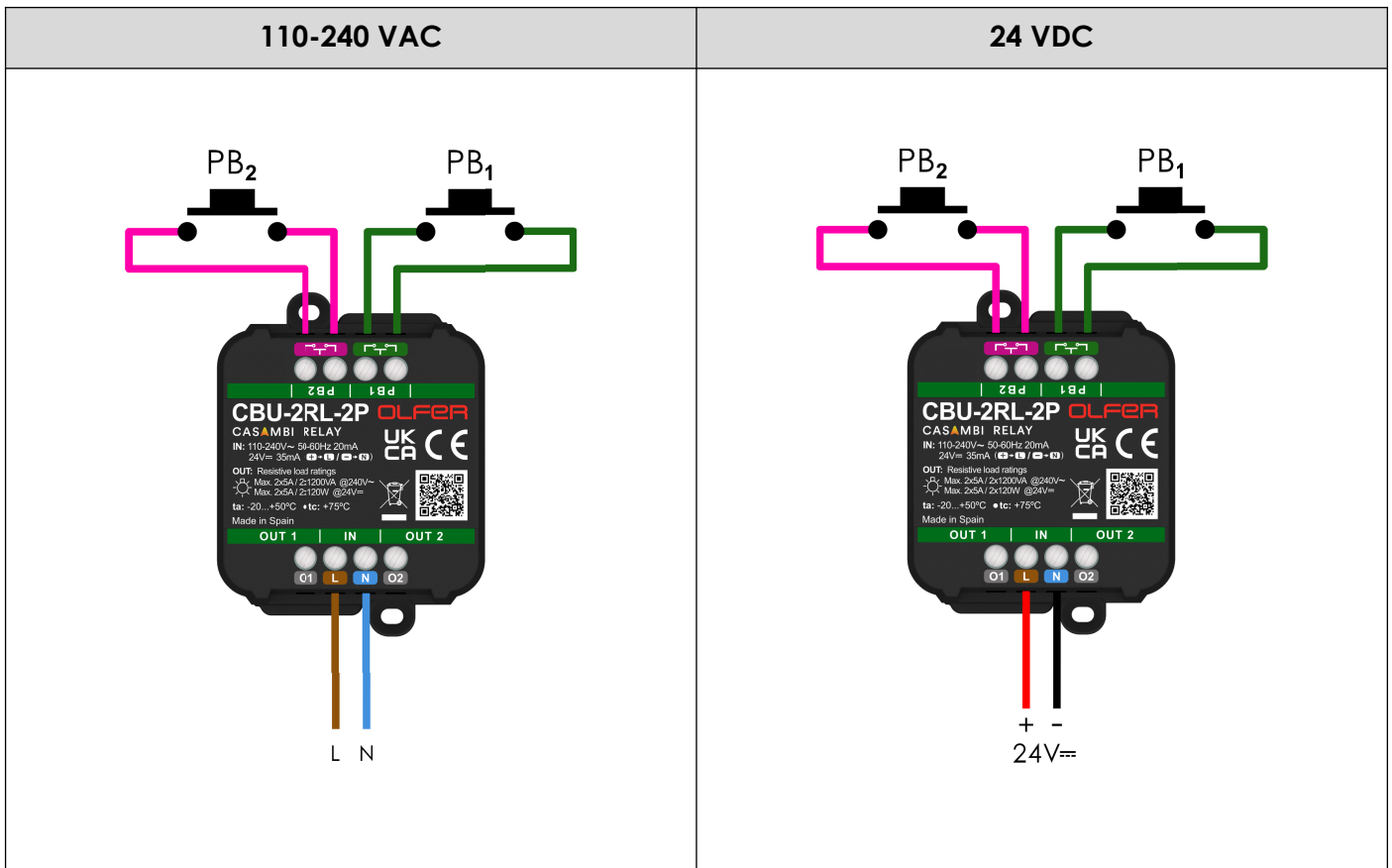


Miscellaneous

2



3





4

110-240 VAC	24 VDC
<p>Wiring diagram for 110-240 VAC. The relay module is shown with two output wires connected to terminals O1 and O2. The input terminals are labeled IN (L) and IN (N). The output terminals are labeled OUT 1 (O1) and OUT 2 (O2). The input wires are labeled L and N.</p>	<p>Wiring diagram for 24 VDC. The relay module is shown with two output wires connected to terminals O1 and O2. The input terminals are labeled IN (+) and IN (-). The output terminals are labeled OUT 1 (O1) and OUT 2 (O2). The input wires are labeled + and -.</p>



Revision history

Date:	Version:	Description:
17/03/2025	1.0	Initial release.