



# Instruction Manual

# RACUB2L

## Mains Curtain & Blind Controller



2024

Version 2.0.1



For more information relating to the RACUB2L see the [Wireless Module Application Sheet](#), and [Wireless Device LED Diagnostics](#).

For programming a Wireless system, including the device in this manual: [Wireless Module Programming Guide](#)

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### 1 What is the RACUB2L?

A RACUB2L is a dual relay switching module designed for motor control, it is suitable for controlling mains curtain and blind motors.

The RACUB2L can be programmed for basic functionality using an RCM switch, although it is highly recommended to use Rasoft Pro and a compatible programming device such as the RAMPI or RK-HUB.

### 2 Loadings

Load Type	Load Voltage	Max Load
 AC Motor	230VAC	1A


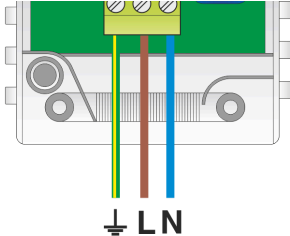

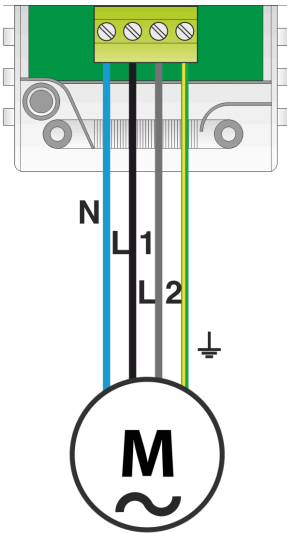


### 3 Installation

#### **⚠ WARNING**

Ensure the limits are set on the connected motors before energising the RACUB2L.  
 Installation should only be carried out by a competent electrician.

- RACUB2L modules should be mounted in areas that are adequately ventilated, dry, and outside of any enclosed metal casings that may interfere with the Wireless signal.
- Modules should be mounted vertically, with the terminals at the bottom, or horizontally.
- While the modules are designed to be maintenance-free, they should be mounted in an accessible location should investigation or re-addressing of the units be necessary.
- Ensure that the cable clamp is fitted tightly to secure the cables.



STEP 1		Remove the covers and cable clamps
STEP 2	 <p style="text-align: center;">  LN  <b>SUPPLY</b> </p>	<p>Insert the supply IN conductors.</p> <p>Replace the cover and clamp for the input side of the RACUB2L.</p>
STEP 3	 <p style="text-align: center;"> <b>M</b>    <b>230VAC Motor</b> </p>	<p>Connect the mains motor to the output terminals of the RACUB2L.</p> <p><b>NB</b> Always check with the motor manufacturer for compatibility before installing.</p>
STEP 4		Ensure that both covers and clamps are replaced on both ends of the RACUB2L.

## 4 Initial Checks

- A Wireless keypad can be used to test the relays on the default programming of House 1 Room 4.
- The internal LED behind the 'Magnet' side of the module will flicker when the module receives any Rako Wireless message and is a useful diagnostic indicator.

## 5 Programming the RACUB2L

Once the RACUB2L has powered up, it can be tested working with a House 1 Room 4 Keypad using the Raise and Lower buttons, then the device is ready to be programmed. For instructions on how to program the RACUB2L, see section "3.3 - Modules with magnet setup" in the [Wireless Module Setup Guide](#).

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Thank you for choosing Rako Controls; we hope that you are pleased with your system. Should you require further assistance, please contact us via our website, [www.rakocontrols.com](http://www.rakocontrols.com), or by calling our customer support helpline on 01634 226666.

