Overview

Dual Relay Wiring

2026

Version 2.0.0

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Introduction

Rako offers a range of products for the control of curtain and blind motors. Depending on the motor manufacturer, most blind motors can be controlled via one of the following:

✓ 240V AC Mains

✓ 24V DC Polarity Switching

✓ Dry Contact Closure

Rako has an extensive product range to accommodate all of the above motor types across its Wired and Wireless catalog. The products are configured using Rako software and offer customisable options such as relay timeout, momentary action and latching action.

Mains Motor

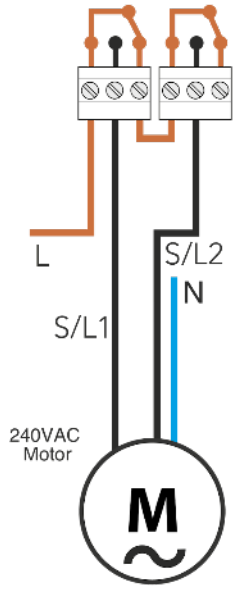
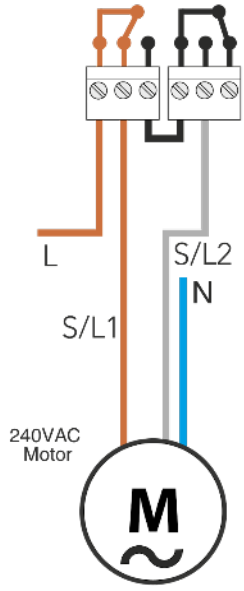
Wireless Products

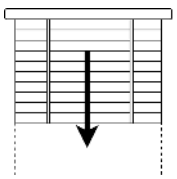
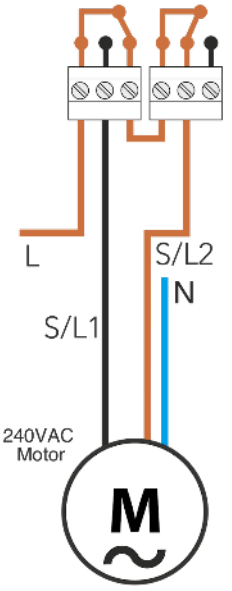
- RACUB
- RACUB2L

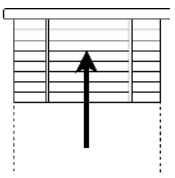
Wired Products

- WM-CUB (With RAK8-MB)
- DIN-4C

Mains Motor Wiring

<table>
<tr><th colspan="2">RACUB | WM-CUB | DIN-4C</th></tr>
<tr><td colspan="2">
</td></tr>
<tr><td>Relay A - Active</td><td>Relay B - Active</td></tr>
<tr><td>Relay A ON | Relay B OFF


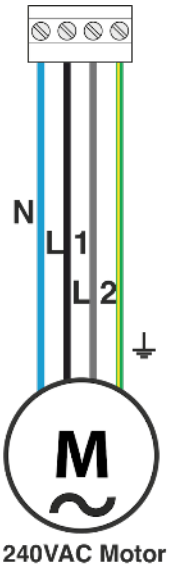
CLOSE
</td><td>Relay A OFF | Relay B ON


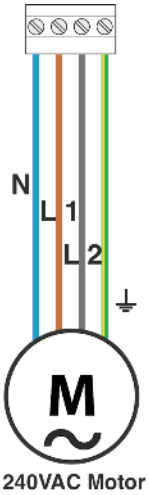
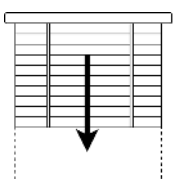
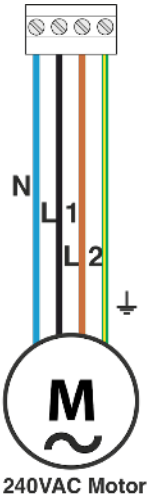
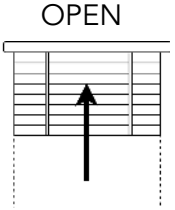
OPEN
</td></tr>
</table>

240VAC Wiring (4 Terminals)

RACUB-2L

The internal relays have a mains voltage source from the input of the module. The RACUB-2L does not require a feed on the terminals shown unlike the six terminal counterpart.



Relay A - Active (L1 Live)	Relay B - Active (L2 Live)
 CLOSE 	 OPEN 

24VDC Polarity Switching

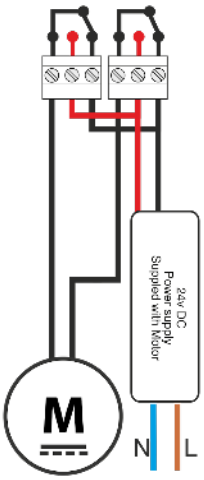
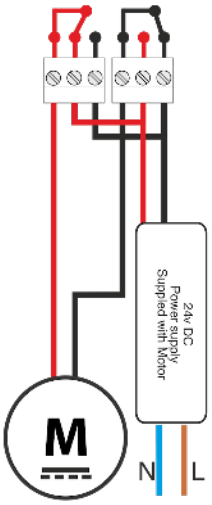
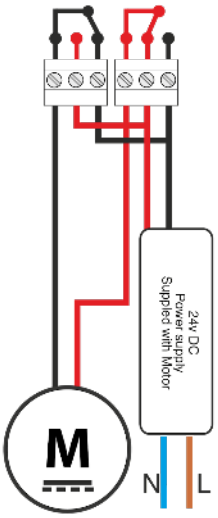
Wireless Products

- RACUB
- RACUB-24VDC

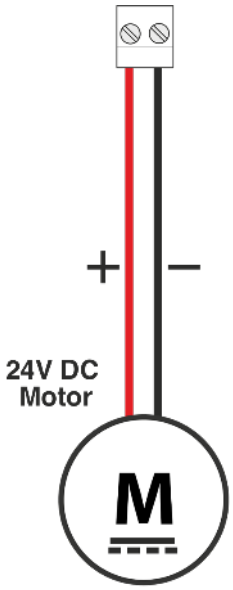
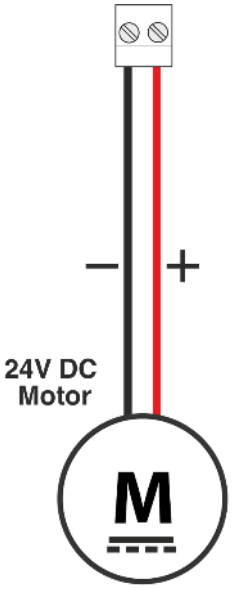
Wired Products

- WM-CUB (With RAK8-MB)
- DIN-4C

24VDC Polarity Switched Wiring (6 Terminals)

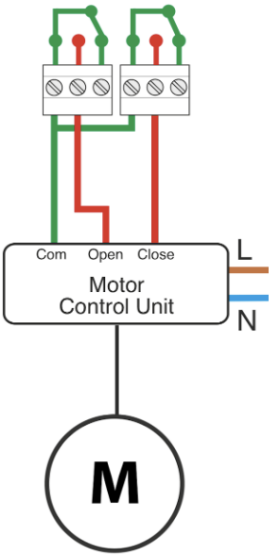
<table>
<tr><th colspan="2">RACUB | WM-CUB | DIN-4C</th></tr>
<tr><td colspan="2">
</td></tr>
<tr><th>Relay A</th><th>Relay B</th></tr>
<tr><td>
</td><td>
</td></tr>
</table>

24VDC Polarity Switched Wiring (2 Terminals)

<table>
<tr><td colspan="2">RACUB-24VDC</td></tr>
<tr><td colspan="2">The RACUB-24VDC switches polarity of the DC output via internal relays, this module is suitable for 24VDC polarity switching motors only.</td></tr>
<tr><td>Polarity 1 (Open)</td><td>Polarity 2 (Closed)</td></tr>
<tr><td>
</td><td>
</td></tr>
</table>

Dry Contact Closure

RACUB | WM-CUB | DIN-4C



Relay A	Relay B
