Instruction Manual

RMS-800

800VA Wireless Switching Unit

2025
Version 2.0.1

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1.0 What is the RMS-800?

The RMS-800 is a wireless switching module suitable for use with non-dimmable loads such as:

- Non-dimmable lighting
- Fans
- Pumps
- Contactors

RMS-800 modules can be controlled by any Rako device that transmits Rako Wireless messages.

2.0 Loadings

Minimum	Maximum
1VA	800VA

NB
Inrush currents must be taken into account when calculating the load for the RMS-800

3.0 Installation

⚠WARNING

Installation should only be carried out by a competent electrician.

- RMS-800 modules should be mounted in adequately dry and ventilated areas 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.

1		Remove the cover and cable clamp
2		Insert the supply IN cables as well as the load OUT cables.
3		Replace the cable clamp, ensuring the cables fit securely
4		Replace the cover

4.0 Initial Checks

- When power is initially connected to the module, the load should power up to full brightness.
- The clear button can be used as a manual on/off switch to test the circuit.
- The internal LED behind the clear button will flicker when the module receives any Rako Wireless message and is a useful diagnostic indicator. This function becomes inactive after 20 minutes to avoid a nuisance light spill but can be reactivated by pressing the clear button. For more information on LED diagnostics, see 6.0 Appendix 1: LED Diagnostics.
- Should the module not respond to any of the above, further investigation must be made before proceeding further.

5.0 Programming the RMS-800

Once the RMS-800 has powered up and has been tested with the setup button, the device is ready to be programmed.

Programming using a RAMPI or HUB using Rasoft Pro
Wireless System Setup Guide

Programming using an RCM Keypad
Programming With An RCM Guide.

For further general information relating to the RMS-800, see the Wireless Module Application Sheet.

6.0 Appendix 1: LED Diagnostics

Wireless Range	LED Pulses	Description
Good wireless reception		When the unit is receiving successfully, there will be four rapid pulses on the LED when any wireless message is sent.
Bad wireless reception		When the unit is out of range, there will be intermittent pulses on the LED when any wireless message is sent. NB It is recommended to install a wireless repeater (WRB-100) if you are experiencing intermittent wireless range.

Should the module not respond to any of the above, check the supply voltage.

For additional diagnostic information, see the Wireless Device LED Diagnostics