**Earthing Screw**

If installation on a metal surface is unavoidable, the earthing screw provided may help to improve radio range.

The earthing screw should be screwed into the metal frame through the larger hole in the reed switch base plate. Make sure the spring is fitted to the screw first.

If fitted correctly, the earthing spring will make contact with the antenna plate on the RR3 circuit board.

**Magnet Alignment**

The alignment arrows on the reed switch and magnet must be in line. The gap between the reed switch and magnet must not exceed 10mm.

**Indicator LED**

The red indicator LED is visible through the reed switch cover plastic. The LED is on when transmitting and flashes when transmitting with a low battery condition.

**Programming**

The RR3 sends a Learn message on insertion of the battery. Refer to the Ness control panel or receiver manuals for specific programming instructions.
Introduction

The Ness RR3 Micro Radio Reed Switch is a battery operated radio transmitter with internal reed switch. The ultra low profile body of the reed switch and supplied magnet allows for unobtrusive installation on door and window frames in cases where wired reed switches cannot be used.

The RR3 also features radio encryption and sends an hourly supervision signal for enhanced radio security when used with Ness control panels. The RR3 is supplied with self-adhesive mounting pads and a spring-loaded earthing screw which can be installed in cases where radio signal is marginal. “Another innovative Ness radio product.”

Features

- Micro Radio Reed Switch
- On-board reed switch.
- Fully supervised, encrypted signals.
- Compatible with all Ness radio receivers.
- Lithium battery operation.
- Ultra low standby current draw.
- Self adhesive pad mount.
- Unique Earthing spring for extra range.

Battery

A 3V lithium battery is supplied.

The RR3 will send a low battery signal when the battery voltage drops below 2.5 volts.

Battery life depends on the number of transmissions per day and will be shorter when used on high traffic doors or windows.

The red LED Flashes when transmitting during a low battery condition.

Specifications

Operating Voltage:
3V Lithium battery CR2032

Standby Current Draw:
Typically 4μA

Signals Transmitted:


Frequency:
303.85MHz, / 868MHz

Dimensions (Reed Sw):
60(h)x28(w)x7(d) mm

Battery

A 3V lithium battery is supplied.

The RR3 will send a low battery signal when the battery voltage drops below 2.5 volts.

Battery life depends on the number of transmissions per day and will be shorter when used on high traffic doors or windows.

The red LED Flashes when transmitting during a low battery condition.