

ESR.1 v2

Wireless Mains Powered On/Off Receiver

- Available for both domestic and commercial applications
- 200m wireless transmission range
- Robust enclosure to IP66 standard
- Simple and easy to learn to the full range of EasySwitch transmitters

The ESR.1 On/Off mains-voltage receiver has a switching capacity of up to 1KW and operates a variety of devices, ie. electric motors, gates and doors, garden lighting, water features and more.

This versatile receiver switches electrical circuits using volt free contacts. There are three selectable operational modes to choose from, Single switch, Two Way switch and MIMIC. MIMIC mode is a momentary contact change and is generally used with Easyswitch Key Fobs (ESF.1/ESF.4). This mode provides momentary contact closure for the duration that the key fob button is held, making it ideal for electric door and gate control. Wireless signal strength indication assists with installation.

One receiver can learn up to 16 transmitters and will retain the 'learn codes' even if the power is removed. The wireless transmission range of the receiver is 200 metres.



Technical Specifications

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Power	220-240 volts 50Hz
Idle Power Consumption	0.3 watts (Relay and LED's off)
Frequency	433.92Mhz FSK
Antenna	1/4 wave (supplied)
Wireless Range	Up to 200m line of sight
Zone Outputs	1 volt-free form C change over relay
Relay Switch Capacity	200 watts LED and inductive - 1000 watts resistive
Selectable Modes	Single switch, two-way switch and mimic
Temperature Range	-10°C to +60°C
Weather Rating	IP66
Enclosure	UV stable ABS
Dimensions	114 x 65 x 40mm