



2 Channel Mains Voltage Receiver (433.92MHz)


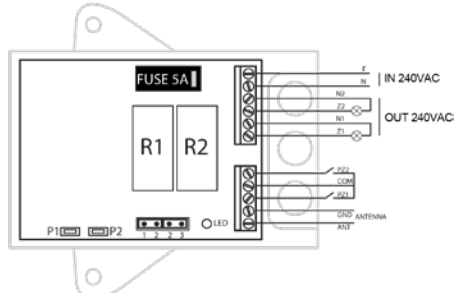
ENSA-RS Series: Trigger lights automatically by connecting to universal transmitters

Automate your LED lighting with the ENSA-RS1 2 channel 240VAC mains voltage RF receiver. With a maximum rated load of up to 1000W, you can integrate wireless triggering for a large number of lights via this receiver. The receiver shell is IP55 rated and suitable for external use.

The ENSA-RS1 includes two keyfobs for light control. The receiver can also be triggered by up to 128 universal transmitters. This includes wireless passive infrared detectors, beam/curtain detectors and door/window reed switches. This makes the ENSA-RS1 ideal for effective security lighting applications.

Contact your local ENSA™ professional for more information on universal wireless detector integration. Wireless transmitters are optional and sold separately.

Wireless Receiver | Series Specifications

Model	ENSA-RS1
Product Image	
Frequency	433.92MHz fixed code
Range (LoS)	100m
Programmable Outputs	2 relay outputs (latched or timed)
Maximum Codes	128
Electrical	
Input Voltage	240VAC 50 ~ 60Hz
Maximum Rated Load	1000W
General	
Ingress Protection	IP55
Included Remotes	2
Operating Environment	-20 ~ 55°C
Diagram	
Wiring Diagram	

Universal Transmitters | Additional Information



The ENSA-RS1 can be configured to have up to 128 universal transmitters. It is compatible with a wide range of wireless sensors, including:

- **Wireless reed & roller shutter reed switches:** Ideal for trigger lights on open/close, garages, sheds, warehouses, halls, on windows etc.
- **Passive infrared detectors:** Standard pet immune, ceiling mount and solar powered external sensors; perfect for triggering lights on general motion detection. Great for energy saving in intermittent people traffic areas.
- **Infrared beam presence detector:** Ideal for wireless curtain beam detection, eg: gates, walkways, corridors, fences, etc.