



Features

- 1 Channel System
- 12 / 24Vdc or 230Vac Supply
- Range up to 1,000 metres
- Reliable FM Technology
- High Security RF Protocol
- 'Easy Learn' Tx Encoder Feature
- Easy Installation Via Screw Terminals.
- 4 Relays 6A @ 230Vac
- Momentary / Latch / Timed Outputs
- Timed Output Adjustable 0 To 5 mins
- Any Switch 'Maps to Any Relay Output
- Receiver Rated IP68
- Versatile operation modes: Many to Many, One to Many, Many to One.

Housed in a rugged IP68 weatherproof enclosure, the receiver has the capacity to learn up to 15 transmitter button pairings. These are memorised even if the power is removed.

Each individual switch on each of the transmitters may be paired with any or all of the receiver relay outputs.

The decoder is supplied in an IP68 rated enclosure with Cable Gland and wall mounting lugs.

Technical Specifications

Transmitters :

Enclosure Rating: Standard IP40 (TBC)
 With IPKit IP65 (TBC)
 Battery Type: CR2032 (supplied)
 Dimensions: 90 x 54 x 27 mm (Note: supplied with external Antenna)

Electrical Characteristics	Min	Typical	Max	Units
Supply Voltage		3V		V
Supply Current				mA
Frequency: Narrowband	434.450	434.525	434.600	MHz
RF Output Power (ERP) @ 433 MHz	-	3	10	mW

Receiver Decoder

Enclosure Rating IP68
 Dimensions 169 x 132 x 85mm (not including antenna)
 Storage Temperature: -10 to +70° Celsius.
 Operating Temperature: 0 to +55° Celsius.

ELECTRICAL CHARACTERISTICS	MIN	TYPICAL	MAX	DIMENSION
Supply Voltage for +12 v	10	12.0	16	Vdc
Supply Voltage for +24 v	22	24.0	28	Vdc
Supply Voltage for 230Vac		230		Vac
Relay Rating* (230Vac) RLY1-4		5	12	A
Supply Current : Quiescent All relays operating*		16 140		mA
Time delay from Tx on Switch to Rx Relay operation			100	mS
Time delay from Tx sw relax to Rx Relay release			300	MS

*The relay contacts in this unit are for functional use only and must not be used for isolation purposes

Receiver Mechanical Dimensions

