The T24-RM1 Receiver acts on data from any of the T24 wireless transmitter modules and can be used for alarm and control purposes forming part of the T24 modular telemetry system.

The data sent by transmitter modules can be utilised by multiple receivers such as displays, handheld readers, analogue outputs, relay modules and computer interfaces. Receivers support common industrial power supplies and are available in robust IP rated enclosures with internal antennas optimised to give outstanding coverage.

The T24-RM1 offers two single pole changeover relays with mains rated 5 amp contacts for power switching. Functionality includes set-points, inversion, latching and hysteresis. The T24 Toolkit offers a fast and simple way to configure the relays operation and set-point values which are entered in the engineering units of the associated transmitter modules.

### Product Features
- Provides limit switching
- Two relays mains rated
- Accepts up to 16 devices
- Provides a range of relay operation modes
- Loss of signal alarm relay
- Latch and inversion options for all relays

### T24 System Overview

T24 Wireless Telemetry Sensor System is a modular wireless solution for industrial sensor applications.

High accuracy, high quality measurement is interfaced with simple yet powerful configuration and monitoring software.
## Specifications

### Power Relay Outputs
- **Number of power relays**: 2
- **Type of relay**: SPCO
- **Contact rating**: 10 A @ 240 Vac  
  10 A @ 30 Vdc

### Alarm Relay Output
- **Number of alarm relays**: 1
- **Type of relay**: SPCO
- **Contact rating**: 1 A @ 120 Vac  
  1 A @ 24 Vdc

### Digital inputs
- **Number of digital inputs**: 3
- **Type of input**: volt free contact

### Power Supply
- **Power supply voltage**: 9 to 32 Vdc
- **Supply current at 12V (typical)**: 150 mA

### Radio
- **Radio type**: Licence exempt transceiver
- **Radio frequency**: 2.4 GHz
- **Transmit power**: 10 mW
- **Range**: Up to 800 m

### Environmental
- **Operating temperature range**: -20 to 55 °C
- **Storage temperature range**: -40 to 85 °C
- **Maximum humidity**: 95% non-condensing
- **IP rating**: IP67/Nema4

## Mechanical

[Diagram of the T24-RM1 module]

## Electrical

[Diagram showing connections and components]

## Order Codes

**T24-RM1**
Wireless relay output receiver module in IP67 enclosure

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