T24-RM1

## Wireless Relay Output Receiver Module

Introduction

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

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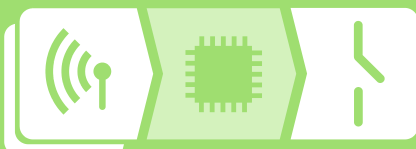
T24 Wireless Telemetry Sensor System is a modular wireless solution for industrial sensor applications.

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	5 A @ 240 Vac

Alarm Relay Output

Number of alarm relays	1
Type of relay	SPCO
Contact rating	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

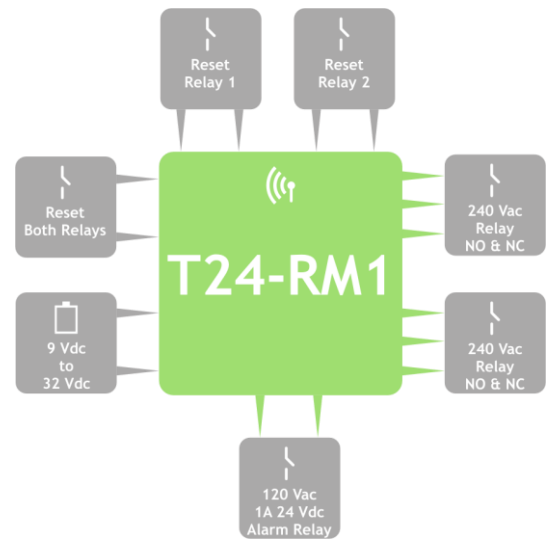|	
Radio type	Licence exempt transceiver
Radio frequency	2.4 GHz
Transmit power	10 mW
Range	Up to 800 m

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

164 mm
84 mm
50 mm
Mounting Holes 4.5mm
Height: 57 mm
148 mm
Mounting Holes Ø4.5mm

Electrical

Reset Relay 1
Reset Relay 2
Reset Both Relays
240 Vac Relay NO & NC
9 Vdc to 32 Vdc
240 Vac Relay NO & NC
T24-RM1
120 Vac 1A 24 Vdc Alarm Relay
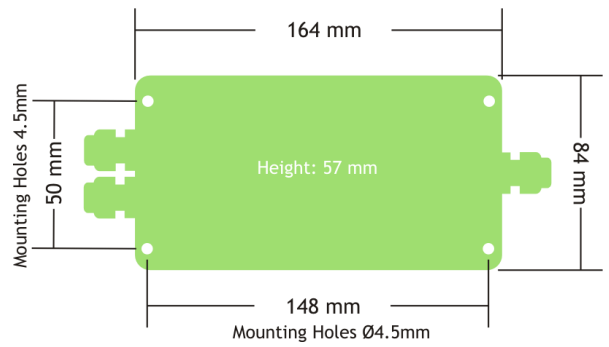
Order Codes

T24-RM1

Wireless relay output receiver module in IP67 enclosure