

# QUAL-TRON, INC

## MINI SYNTHESIZED RELAY

**MODEL: MSRY     P/N: 13D0243**

### DESCRIPTION

The EMIDS multi-channel MSRY relay is a self-contained unit that will receive and re-transmit RF signals from compatible transmitters. The receiver channel, transmit channel, and unit ID code may be set up using a PC and the supplied software. While programming the unit, the receive channel, transmit channel, unit ID code, and voltage level from internal batteries are displayed. The unit will transmit a test message when the test button is activated. After programming, the unit may be deployed for operation. The internal batteries may be charged through the external connector, using a solar panel or external power supply.

**(NOTE: Specify operating frequency when ordering.)**

#### Contact Information:

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### PERFORMANCE SPECIFICATION

#### **Dimensions:**

13.3"L x 11.6"W x 5.9"H

#### **Weight:**

12.25 lbs, with batteries

#### **Channel/Frequency:**

Low: 138-154 MHz

Mid: 154-162 MHz

High: 162-174 MHz

#### **Operating Temp:**

0° C to +40° C

#### **Storage Temp:**

-10° C to +65° C

#### **Power Supply:**

2 each 4 volt gelcell battery

(Alternate power sources available)

#### **Transmission Output:**

Minimum 1 Watt

#### **Battery Life:**

1 week in temperate climate

#### **Mechanical Features:**

Enclosed in weather tight Pelican case.

Vibration, shock, and water resistant.

#### Items Included:

Model	P/N	Description	Qty
MSRY	3 styles	Multi-Channel Relay	1
ANT/ADPT-2	61Z0439	Adapter, Antenna 90° Elbow	1
ANT/ROD	3 styles	Antenna, Rod (match to freq.)	1
SFTWR-3	24C0008	MSRY Software	1
PSEC	13D0229-1	AC to 12 VDC Power Adapter (2-pin)	1



**Commercial Off The Shelf (COTS)**