

RL-2

Relay Lockout

INSTALLATION INSTRUCTIONS

Section 1

General Description

The RL-2 is a relay lockout module for use with swing-side overhead safety (presence) sensors and door beams on automatic swing door systems.

Section 2

Installation

Mounting & Wiring

1. Unplug female portion of the Molex connector (Fig. 2).
2. Wire the female portion of the wiring harness according to Figure 2.
3. Install resistor (Fig. 3) ONLY if the motor voltage exceeds 50V AC.
4. Mount the RL-2 in desired location and plug the Molex connector back together.
5. Adjust the time delay so that the LED remains lit during closing cycle (Fig. 3).

Figure 1

The wiring harness is color coded as follows:

Pin 1	RED
Pin 2	BLACK
Pin 3	YELLOW
Pin 4	YELLOW
Pin 5	ORANGE
Pin 6	ORANGE
Pin 7	GREEN/WHITE
Pin 8	GREEN

Section 3

System Inspection and Instructions

*******EXTREMELY IMPORTANT*******

After final set-up, test unit(s) completely to ensure that proper coverage has been achieved in accordance with ANSI/BHMA A156.10 (width, depth and location of the pattern must be tested).

After the installation and operational check of the system:

1. Place the proper labels on the door per ANSI/BHMA A156.10, A156.19 & BS 7036.
2. Instruct the owner of the door system operation and how to test it. This should be checked on a daily basis.

3. Instruct the owner on what to do if the door or any of its components become damaged.
4. Strongly recommend to the owner that the complete entry be inspected twice a year as part of the service agreement.

Section 4

Specifications

Model.....RL-2
 Power.....12 to 24 V AC or DC
 Power Consumption..... <1W
 Relay Lockout Time Delay.....0.5 to 9.5 seconds
 Output Contact..... Form C, Rated At 3 Amps
 Temperature.....-22 °F to 158 °F (-30 °C to 70 °C)
 Color..... Blue
 Enclosure..... ABS Plastic
 Weight.....0.25 lb.
 Physical Size..... 4"L x 2"W x 1"H

Section 5

Troubleshooting

Problem	Recommended Action
LED does not light up on closing cycle	<ol style="list-style-type: none"> 1. Verify proper voltage & polarity on green wires. 2. Reverse Red & Black wires at motion lead connections.

Section 6

Warranty

MS SEDCO guarantees this product to be free from manufacturing defects for one year from date of installation. Unless MS SEDCO is notified of the date of installation, the warranty will be in effect for one year from the date of shipment from our factory. If, during the first year, this device fails to operate and has not been tampered with our abused, the unit can be returned prepaid to factory and it will be repaired free of charge. After one year, the unit will be repaired for a nominal service charge. **This limited warranty is in lieu of all other warranties expressed or implied, including any implied warranty of merchantability, and no representative or person is authorized to assume for MS SEDCO any other liability in connection with the sale of our products. All warranties are limited to the duration of this written warranty. In no event shall MS SEDCO be liable for any special, incidental, consequential or other damages arising from any claimed breach of warranty as to its products or services.**

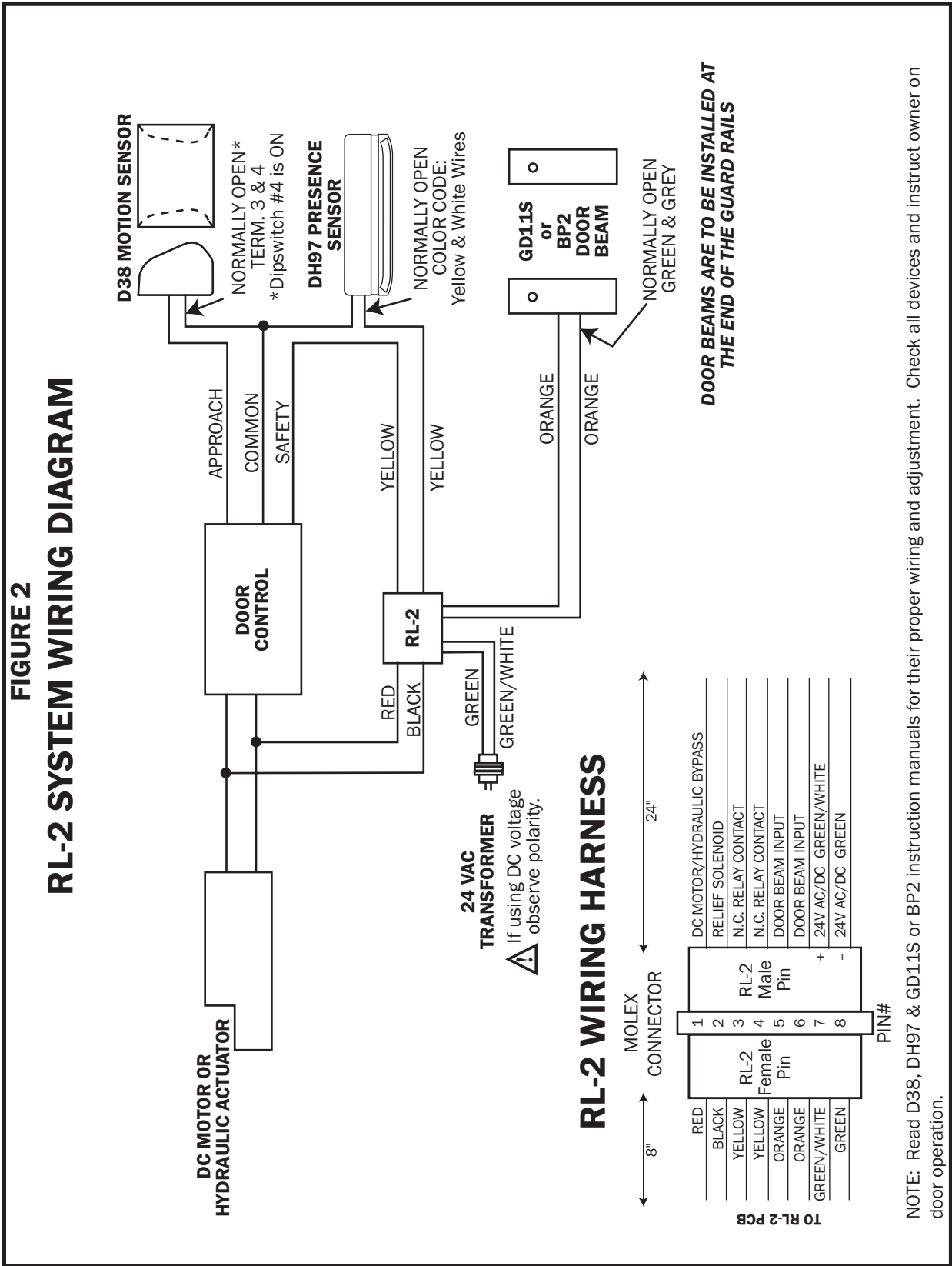
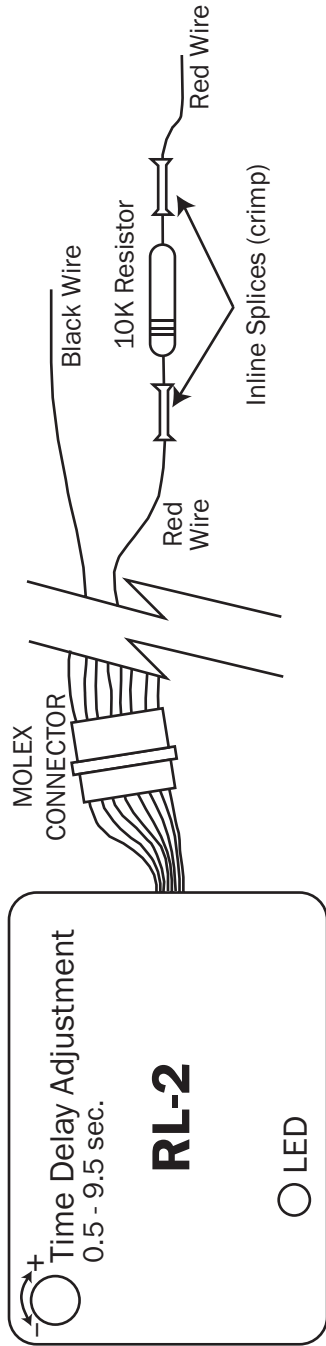


FIGURE 3
TIME DELAY ADJUSTMENT AND OPTIONAL RESISTOR INSTALLATION



** This resistor is used if the applied voltage is 50V AC or greater (i.e. 115VAC).
Low AC or DC voltage = **DO NOT USE**