

INSTALLATION PROCEDURE

STEP 1

INSTALL ELR DEVICES PER DEVICE INSTALLATION INSTRUCTIONS.

STEP 2

INSTALL POWER SUPPLY (RDS-2) SEE WIRE GAUGE CHART BELOW.

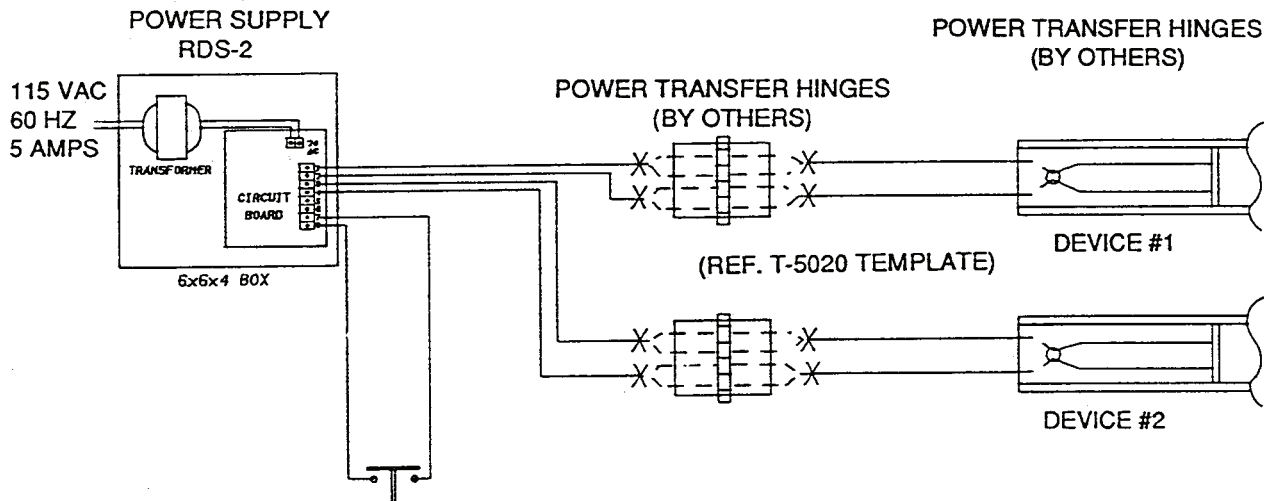
STEP 3

COMPLETE WIRING AS INDICATED ON SYSTEM SCHEMATIC

STEP 4

TEST OPERATION OF ELR DEVICES
(REFER TO SPECIFICATIONS ON OTHER SIDE)

SYSTEM SCHEMATIC



DRY CONTACT SWITCH, RELAY
CARD READER, TOUCH PAD, OR
JUMPER (BY OTHERS)

WIRE GAUGE CHART	
LENGTH OF RUN	24 VDC 4 AMPS
0-100 FT.	14 GA.
101-200 FT.	12 GA.
201-300 FT.	10 GA.
301-400 FT.	8 GA.

X-FIELD SPLICE



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RDS-2 SPECIFICATIONS

1. INPUT VOLTAGE, 115 VAC 60HZ 5 AMPS TO TRANSFORMER

2. OUTPUT VOLTAGES:

FIRST DEVICE: TERMINAL #1 & #2
 24V DC IMPULSE
 5V DC CONTINUOUSLY AFTER IMPULSE

SECOND DEVICE: 1 SECOND DELAY AFTER 1ST DEVICE

TERMINAL #3 & #4
 24V DC IMPULSE
 5V DC CONTINUOUSLY AFTER IMPULSE

3. DIP SWITCH (WHEN ON) WILL HOLD DEVICE (S) RETRACTED FOR SET TIME PERIOD AS INDICATED BELOW:

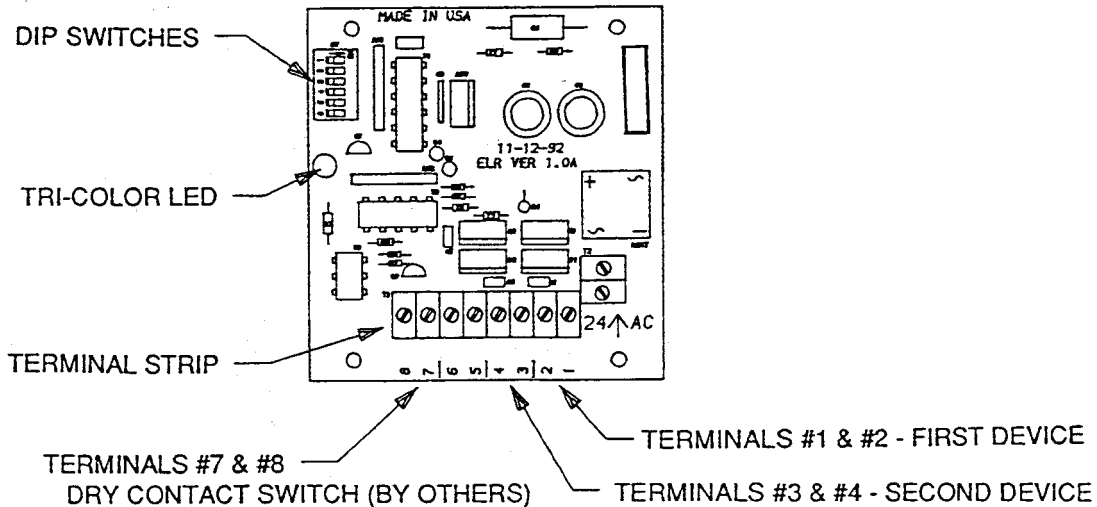
DIP #	1	2	3	4	5	6
HOLD TIME (SECONDS)	2	4	8	16	32	64

NOTE: DIP SWITCHES MOVED TO THE ON POSITION HAVE A HOLD TIME OF ALL ON SETTINGS ADDED TOGETHER.

EXAMPLE: DIP #1 & #2 = 6 SEC. HOLD

FOR CONTINUOUS ELR RETRACTION TURN ALL DIP SWITCHES TO OFF POSITION
 APPLY A JUMPER OR OTHER SOURCE SWITCH TO TERMINAL #7 & #8.

4. A GREEN FLASHING LED INDICATES THAT POWER IS TO THE BOARD. A SOLID GREEN LED INDICATES THE DEVICES BEING RETRACTED. AN ORANGE (GREEN/RED) LED INDICATES THE DEVICES ARE BEING HELD IN THE RETRACTED POSITION. A FLASHING RED LED INDICATES A SHORT IN THE WIRING BETWEEN THE BOARD AND DEVICE.



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