

D

C

B

A

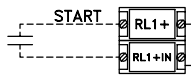
D

C

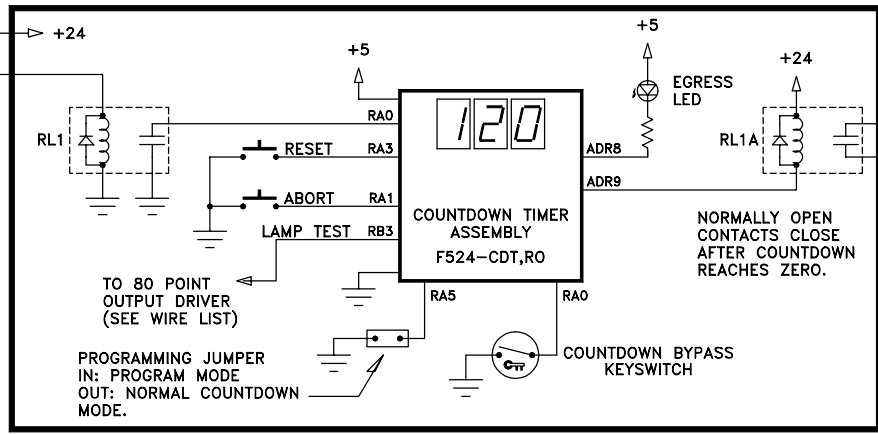
B

A

CUSTOMER'S
ALARM
FIELD CONTACT

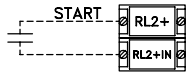


TYPICAL COUNTDOWN
TIMER SECTION
(5 REQUIRED)



COUNTDOWN
DONE

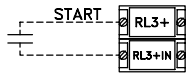
- TO SWITCH SCAN BUS ON Z-CARD.
- TO SWITCH INPUT ON Z-CARD. (SEE PAGE 1)



SAME AS ABOVE



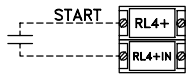
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TIMER OPERATION:

WHEN ALARM FIELD CONTACT IS OPEN, TIMER IS BLANK.

WHEN ALARM CONTACT CLOSSES, TIMER STARTS COUNTING DOWN FROM DEFAULT COUNTDOWN VALUE.

WHEN COUNTDOWN REACHES 0, N.O. CONTACT ON RL2 CLOSSES AND EGRESS LED LIGHTS.

TIMER WILL DISPLAY 0 AND EGRESS LED REMAINS ON UNTIL RESET BUTTON IS PRESSED.

ABORT SWITCH WILL STOP COUNTDOWN. TIME WILL REMAIN AT LAST COUNT VALUE UNTIL RESET SWITCH IS PRESSED.

KEYSWITCH WHEN CLOSED WILL CLOSE CONTACT ON RL1A AND TURN ON EGRESS LED & SET COUNT=0 WITHOUT COUNTDOWN DELAY.

RESET BUTTON WILL RETURN COUNTDOWN VALUE TO DEFAULT, BLANK THE DISPLAY, OPEN RELAY CONTACT OF RL1A, AND TURN OFF EGRESS LED. RESET SWITCH ONLY OPERATES AFTER ABORT OR WHEN COUNT=0.

PROGRAMMING THE DEFAULT COUNTDOWN TIME VALUE:

WHEN IN READY MODE, INSERT PROGRAMMING JUMPER. THE TIMER WILL DISPLAY COUNTDOWN VALUE.

THE RESET SWITCH WILL DECREMENT THE VALUE, THE ABORT SWITCH WILL INCREMENT THE VALUE. VALUES RANGE FROM 1 SECOND, THEN GO UP TO 10 AND INCREMENT BY 10 TO A MAX OF 990 SECONDS.

WHEN THE DESIRED COUNTDOWN VALUE IS DISPLAYED, REMOVE THE PROGRAMMING JUMPER. THE VALUE WILL BE SAVED IN THE TIMER'S NON-VOLATILE MEMORY. THE DISPLAY WILL THEN BLANK AND RETURN TO "READY" MODE.

LAMP TEST:

WHEN TIMER IS IN "READY" MODE (NO COUNTDOWN IN PROGRESS, EGRESS LED OFF) INPUT TO GROUND WILL DISPLAY "888" FOLLOWED BY DEFAULT COUNTDOWN TIME VALUE FOR THE LAST SECOND OF LAMP TEST.

NOTES:

SEE PAGE 1 FOR POWER SUPPLY WIRING.

REV 0: 17 OCT 2006 - FIRST DRAFT.

REV 1: 06 DEC 2006 - AS BUILT.

REF: SYRACUSE TIME & ALARM
HILLBROOK JUVENILE DETENTION CENTER
SO. 28071, AFD-K337A

AD AUTOMATION DISPLAYS INC.	
ELECTRICAL BLOCK DIAGRAM MAIN CONTROL PANEL	
A DRAWN BY: TN	DWG# K337-300 p2
DATE: 17 OCT 2006	SHEET 1 OF 1