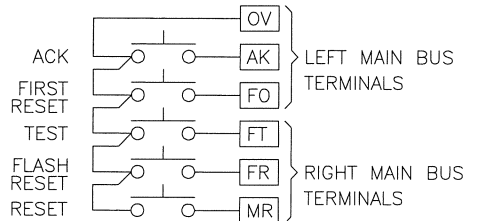


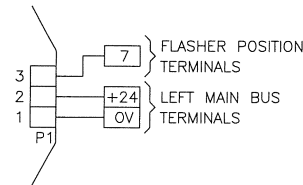
**REMOTE PUSHBUTTON WIRING**



INTEGRAL PUSHBUTTON MODEL NO. 90PB51\*

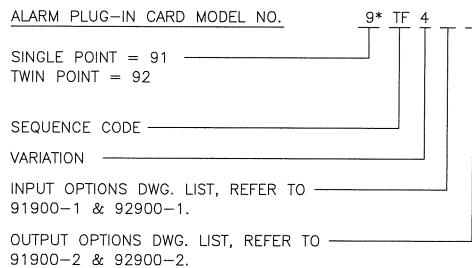
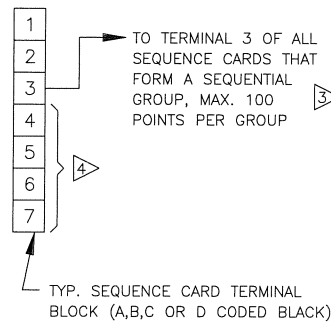
**NT2-24D AUDIBLE DEVICE WIRING**

DIAGRAM SHOWS NOVATONE HORN WITH P1 TERMINAL BLOCK ON P.C. BOARD ATTACHED TO HORN (REF. DWG. 57100-48) FOR EARLIER VERSIONS WITH PIGTAIL LEADS, CONNECT BLACK TO OV, RED TO +24 AND BLUE TO FLASHER TERMINAL (REF. DWG. 57100-44).



**TERMINAL GROUPING DIAGRAM**

SINGLE POINT & TWIN POINT



**OPERATIONAL SEQUENCE "TFSFRM" (NOTE 3)**

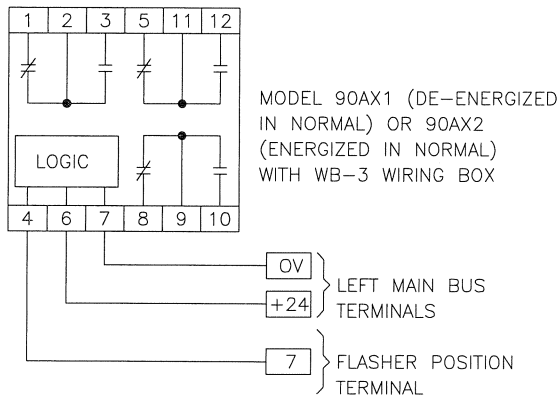
INPUT STATUS	FIRST VISUAL	SUBSEQUENT VISUAL	AUDIBLE
1st ALARM OR TEST	INTERM FAST FL		ON
SUBSEQUENT ALARM		FAST FLASH	ON
ACKNOWLEDGE	INTERM FAST FL	FAST FLASH	OFF
FLASH RESET	SLOW FLASH	STEADY-ON	OFF
FIRST RESET	STEADY-ON	STEADY-ON	OFF
RETURN TO NORMAL	STEADY-ON	STEADY-ON	OFF
RESET	OFF	OFF	OFF

**NOTES:**

- IF A NEW ALARM OCCURS WHILE TESTING, POINT WILL INDICATE ALARM CONDITION (RE-ALARM) AFTER FLASH RESET PUSHBUTTON IS OPERATED.
  - POINT WILL INDICATE ALARM WHEN TEST PUSHBUTTON IS OPERATED IF THE VISUAL INDICATOR IS OFF OR STEADY-ON.
- 3 TO CONVERT SEQUENCE FROM 'TFSFM' TO 'AM' JUMPER GROUPING TERMINAL OF DESIRED CARD POSITION(S) TO THE 'OV' TERMINAL.
- 4 GROUPING TERMINAL(S)(SINGLE POINT & TWIN POINT):  
TERMINAL #3 IS STANDARD FOR FIRST OUT GROUPING ON BOTH MODEL 91 AND 92 CARDS, (TWIN POINT MODEL 92 CARDS, TERMINAL #3 IS COMMON GROUPING FOR BOTH POINTS). IF A NON-STANDARD TERMINAL IS REQUIRED ON A TWIN POINT CARD, SPECIFY THE TERMINAL(S) DESIRED (4 THRU 7) FOLLOWED BY 'G'.  
EXAMPLE: 4 5 G  
LOWER POINT GROUPING TERMINAL (NON-STD)  
UPPER POINT GROUPING TERMINAL (NON-STD)
- (IF ONLY ONE COMMON NON-STD GROUPING TERMINAL IS REQUIRED SIMPLY REPEAT THE TERMINAL NUMBER. EXAMPLE: 55G).

**COMMON AUXILIARY RELAY WIRING**

FOR CUSTOMER USE IF REQUIRED



RELAY CONTACTS RATED 4 AMPS AT 250VAC OR 5 AMPS AT 28VDC OR 120VAC AND 0.5 AMP AT 125VDC RESISTIVE LOAD.

USED ON/REF. DWG	DESCRIPTION
91TF*	DRAWING LIST
92TF*	DRAWING LIST
90900-LA-1	OPTION LIST

SYM	REVISION	DATE	BY	CH.
10	6492 REDRAWN	07/17/01	SK	MAL
09	11872	06/15/01	SK	MAL
08	7099-74	06/16/89	SK	PG
07	9431-03	04/19/81	IR	PG
06	9090-13	10/02/84	TA	AHD

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**AMETEK**  
PANALARM, 1725 WESTERN DRIVE,  
WEST CHICAGO, IL. 60185

DR. S. KUNCA	DATE 02/18/81	CH. ARF 02/18/81	APP. ARF 02/18/81
SCALE NONE	TOLERANCES NOT SPECIFIED	DECIMAL ±.005"	FRACTIONAL ±.010" ANGULAR ±1'
DRAWING NAME CUSTOMER WIRING DIAGRAM AND SEQUENCE "TFSFRM" INFORMATION FOR SERIES 90		PART NO. 90450-TF4-1	REV. 10