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Deluxe Automation Remote Control Instructions

GENERAL

The Kelmar Deluxe Remote Automation Control has been designed to work with many types of automation systems. The Deluxe Remote Automation Control is contained in 1 compact cabinet and connects to the automation with 1 Belden multi-conductor cable. Remotes may be paralleled for control from several locations. The remote automation control can also be used in conjunction with the Kelmar Remote Status System where control is desired from some locations and status indication only is required at other locations.

ALARM LATCH

Many automation units provide only a 7-second alarm output. In many cases, this is not sufficient time to determine which automation had the shutdown. The Optional Kelmar #85036-1 Alarm Latch Module may be added to the automation. The #85036-1 mounts in the automation cabinet and latches the alarm ON until RESET from the remote.

INTERFACE CABLE

For installation of the Kelmar Deluxe Remote Automation Control use Belden #9457 for runs up to 100' and Belden #8466 for runs over 100 '. Both cables are 12 conductor.

AUTOMATION SYSTEM NOTES

Since there are various remote controllable automation functions, refer to the Automation System Notes for the automation that will be used with the Kelmar Deluxe Remote Automation Control. Refer to the INTERFACE SCHEDULE for terminations.

INTERFACE SCHEDULE DESIGNATIONS:

[ ]	DENOTES TERMINAL NUMBER OF ALARM LATCH MODULE
N.A.	DENOTES NOT APPLICABLE TO THIS INSTALLATION
( )	DENOTES WIRE USED ON DIFFERENT TERMINAL SEE AUTO.

KELMAR STANDARD AUTOMATION NOTES:

1. YELLOW Inter. light indicates Failsafe Down.
2. BLUE and GREEN lights ON when Proj. Running.
3. ALARM RESET button used with #85036-1 ONLY.
4. RED light (stop) button ON when Proj. Not Running.

CHRISTIE AM-3 AUTOMATION NOTES:

1. BLUE and GREEN Light on when Proj. Running.
2. YELLOW light not used.
3. RED (stop) light on at all times.
4. ALARM RESET button used with #85036-1 only.

CHRISTIE AM-5 AUTOMATION NOTES:

1. ALARM RESET button used as N. C. Button cut strap on remote board.
2. Remove jumper AM-5 terminals 9-10.
3. If #85036-1 is used, RESET buttons used as is, DO NOT FOLLOW steps 1 and 2.
4. YELLOW light INTER.
5. BLUE light NO INTER.

CHRISTIE AM-7 AUTOMATION NOTES:

1. YELLOW Inter, light indicates Failsafe Down
2. BLUE and GREEN lights on when Proj. Running.
3. ALARM RESET button used with #85036-1 ONLY
4. RED light (stop) button ON when proj. Not running.

XeTRON MAXI-8X, 8XL AUTOMATION:

I. Additional Alarm relay required refer to drawing 1169.
2. DO NOT USE #85036-1 (Alarm latches with added relay).
3. 8x1 Show End Cycle lights up.
4. Alarm RESET closes C.O., brings up lights, and resets Alarm relay.
5. RED light (stop) Failsafe Down.

XeTRON MAXI-lOX AUTOMATION:

1. ALARM reset button used with #85036—1 ONLY.
2. RED light (stop) Failsafe Down.

XeTRON MAXI-lOXH:

1. REFER TO NOTES UNDER KELMAR DELUXE.

XeTRON MAXI-lOC, MAXI-1OCL AUTOMATION:

1. YELLOW light ON, at all times.
2. BLUE and GREEN ON while Proj. Running.
3. ALARM RESET button used with #85036-1 ONLY.

REFER TO INTERFACE SCHEDULE FOR CONNECTION OF #85036-1 TO AUTOMATION.

REM. TERM. NO.	FUNCTION	BELDEN WIRE COLOR	KELMAR STANDARD TERM. NO.	KELMAR SERIES V TERM. NO.	CHRISTIE AM-5 TERM. NO.	CHRISTIE AM-7 TERM. NO.
1	GROUND	GREEN	TB2-14	TB5-14	25	35
2	START P.B. A	BLACK	TB2-5	TB5-2	1	36
3	START P.B. B	(WHITE)	TB2-6	NA.	N.A.	N.A.
4	PROJ. RUN P.L.	BLUE	TB2-8	TB5-4	7	39
5	TIMER P.B.	GREEN/BLACK	TB2-1	TB8-3	23	31
6	INTER P.L.	WHITE/BLACK	TB2-10	TB5-6	5	41
7	SHOW,RUN P.L.	RED/BLACK	TB2-8	TB5-4	6	39
8	STOP P.B.	RED	TB2-7	TB5-3	24	38
9	ALARM RESET N.O.	(BLUE/BLACK)	N.A. [5]	TB5-13	N.A. [5]	N.A. [5]
10	12VAC ALARM	ORANGE/BLACK	TB2-11 [2]	TB5-7	11 [2]	42 [2]
11	STOP P.L.	ORANGE	TB2-9	TB5-5	47	40
12	ALM RESET N.C.	(WHITE)	N.A.	N.A.	9* [N.A.]	N.A.
13	ALM RESET N.C.	(BLUE/BLACK)	N.A.	N.A.	10* [N.A.]	N.A.

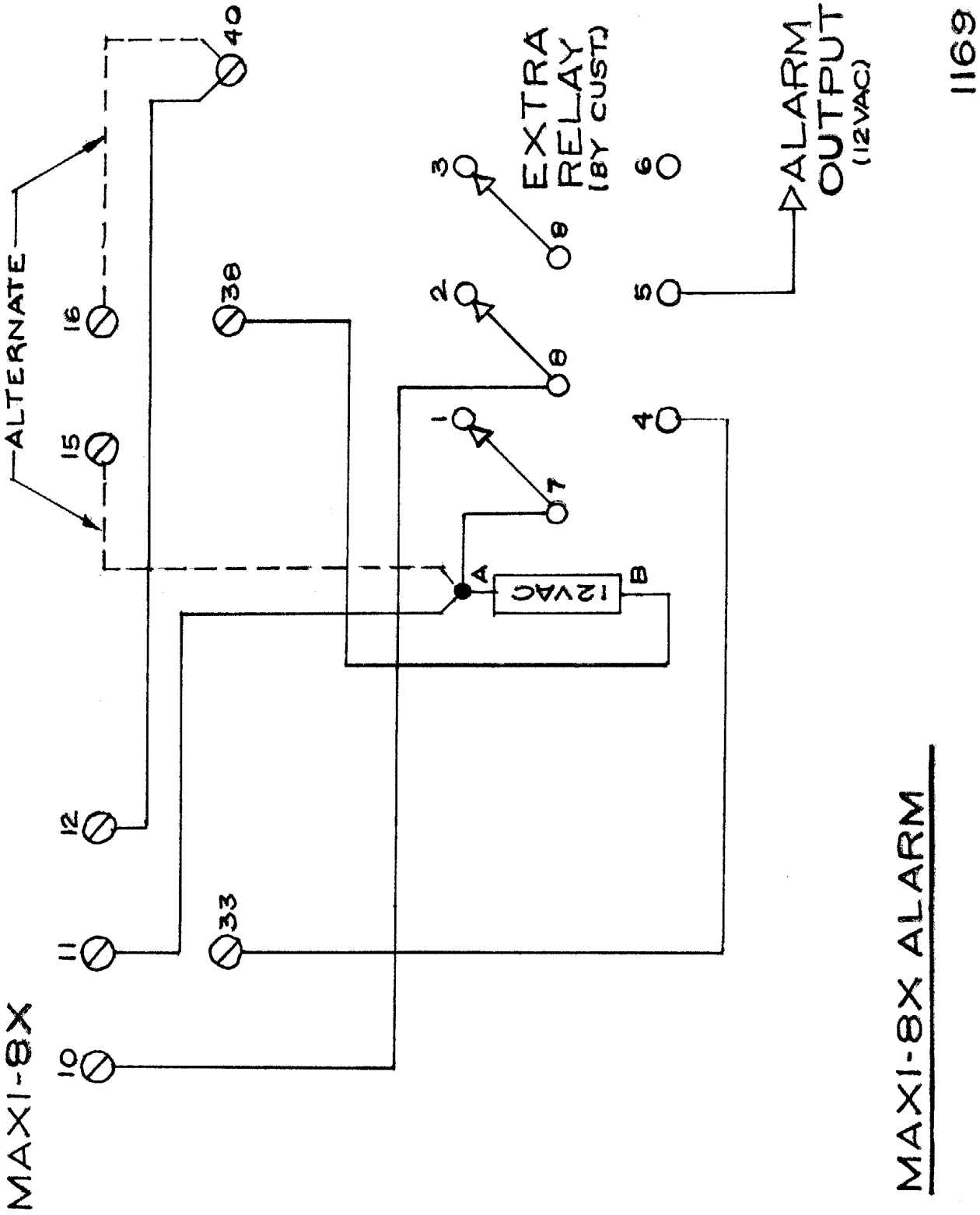
#85036-1 ALARM LATCH MODULE TERMINATIONS: [ ] #85036-1 TERM. NO. * REMOVE AM5 JUMPER

[1]	ALARM INPUT FROM AUTO.	11	23	11	42
[3-6]	12VAC FEED FROM AUTO.	13	16	37	44
[4]	GROUND (SWITCHING COMMON)	14	17	25	35

REM. TERM. NO.	FUNCTION	BELDEN WIRE COLOR:	XETRON MAXI-8X TERM. NO.	XETRON MAXI-8XL TERM. NO.	XETRON MAXI-10X TERM. NO.	XETRON MAXI-10XH TERM. NO.	XETRON MAXI-IOC,CLI TERM. NO.
1	GROUND	GREEN	40	40	15	4	14
2	START P.B. A	BLACK	5	5	5	43	1
3	START P.B. B	WHITE	6	6	6	44	N.A.
4	PROJ. RUN P.L.	BLUE	7	7	7	6	2
5	TIMER P.B.	GREEN/BLACK	1	2	1	1	16
6	INTER P.L.	WHITE/BLACK	44	44	13	7	32
7	SHOW, RUN P.L.	RED/BLACK	22	22	12	6	2
8	STOP P.B.	RED	3	3	3	3	5
9	ALARM RESET N.O.	BLUE/BLACK	1	1	N.A. [5]	N.A. [5]	N.A. [5]
10	12VAC ALARM	ORANGE/BLACK	RLY 5	RLY 5	22 [2]	8 [2]	3 [2]
11	STOP P.L.	ORANGE	10	10	21	9	6
12-13	NOT USED						

#85036-1 ALARM LATCH MODULE TERMINATIONS:[ ] DENOTES #85036-1 TERM. NO.

[1]	ALARM INPUT FROM AUTO.	N.A.	N.A.	22	8	3
[3-6]	12 VAC FEED FROM AUTO.	N.A.	N.A.	17	5	32
[4]	GROUND (SWITCHING COMMON)	N.A.	N.A.	15	4	14



MAXI-8X ALARM