

Function	Applied Y/N	Voltage 5-vdc/24-v	Termination point	pcb-Jumper JP # - Y/N	post config L/R-center	Functional Y/N	Signal-IN Y/N	Comments
“ems” alarm			TER 1-1&2	4-a	2-	√	√	
Isolated “panic”			TER 3-1&2	4-b		√	√	
Aux. “panic”			CON 1b 1&2	4-c		√	√	
Emerg. Shower			CON 1b 3&4			√	√	
			CON 1b 1&2			√	√	

Output Integration

Function	Applied Y/N	Voltage Dry-contact	Termination point	pcb-Jumper JP # - Y/N	post config L/R-center	Functional Y/N	Signal-OUT Y/N	Comments
“ems” monitor		Dry-contact	TER 1-3&4			√	√	
Alarm monitor			TER 3-3&4 *		11 -	√	√	
5-v “panic” out		5-vdc	CON 1a 3&4			√	√	
5-v “alarm” out		5-vdc	CON 1a 1&2			√	√	
Beacon/Horn		24-vac	TER 3-3&4 *			√	√	
Light Array		24-vac	TER 2			√	√	
Monitor-Station		5-vdc	CON 1a 3&4*			√	√	

Note: Jumpers are required @ JP locations when input voltages are 5-vdc. Remove jumpers when input = 24 vac.
 Alarm monitoring JP 11 should be L/R = 24-vac - OR - center = dry-contact.

Termination points: CON = “pcb” - Printed Circuit Board Connector TER = Control Panel Terminal (example: CON 4b-1&2)

* Termination of Monitoring Outputs may vary when “time delay” circuit is utilized in the system.

Output Circuit Function

Output Circuit	Utility / Service	Normal ON/OFF	Key	ON/OFF W/switch	ON W/panic	OFF W/panic	OFF W/alarm	OFF W/ems	Output Voltage ON	Transient Voltage-OFF	Ohms Ω R	Amps	Pcb LED’s function	Panel LED’s function
CIR 1	ELECT	OFF	YES	YES	NO	YES	YES	YES	24-vac	0		50 mA	YES	YES
CIR 2	NAT. GAS	OFF	YES	YES	NO	YES	YES	YES	24-vac	0	4	.9 A	YES	YES
CIR 3	WATER	OFF	YES	YES	NO	YES	YES	YES	24-vac	0	4-8	.6 A #	YES	YES
CIR-4	Ex FAN	OFF	NO	YES	YES	NO	YES	YES	24-vac	0		50 mA	YES	YES
CIR 5	Remote +	OFF	NO	N/A	YES	NO	YES	YES	24-vac	0		50 mA	YES	YES
CIR 6	LA Panel	OFF	NO	N/A	YES	YES	YES	YES	24-vac	0		50 mA	YES	YES

Note: If CIR 4 is “FAN” then JP 7 should be @ left config. + Typical Remote Fan Circuit # CIR 3 WATER = 1.2 Amps when HW & CW are connected in parallel.