

# Programming Configurations

**Table # 1: Programmable Inputs**

Setting	Position	Description	Options
RESET	1	Master Reset to Default Settings	0 = No 1 = Reset Defaults (See Next Page for Instructions)
EMS Input	2	Sets System Response to an Auto-Shutdown Signal	0 = No EMS 1 = EMS active ON 2 = EMS active OFF 3 = No EMS but First Key Time OUT
Key Reset	3	Sets Keying as a RESET Method	0 = RESET Button resets Panic, Alarm, etc 1 = RESET Button OR Keying
Alarm Output	4	1 Permits an Inverted or Momentary Output with Panic	0 = Standard 1 = Momentary Panic 2 = Inverted Panic
First Key Timing	5	In a Operation ON Cycle, after 1 <sup>st</sup> Keying all Circuits go OFF @ end of Cycle. Position 2 MUST be set to "3".	0 = No Timing 4 = 4 Hr 6 = 6 Hr 8 = 8 Hr 10 = 10 Hr 12 = 12 Hr 16 = 16 Hr 20 = 20 Hr
Circuit Timing	6	After First Keying, With at least 1 Circuit ON, Circuits W/ "Timing OFF" =1 will go OFF	0 = No Timing 15 = 15 min 30 = 30 min 45 = 45 min 60 = 60 min 90 = 90 min 2 = 120 min 3 = 180 min 4 = 240 min
Panic Notify Delay	7	Panic Output will Operate W/O Delay OR After Selected Delay.	0 = No Delay 1 = 1 min 2 = 2 min 3 = 3 min 4 = 4 min 5 = 5 min
Gas Detector Panic Notify Delay	8	Gas Detected will Operate Panic Output Circuit	0 = No Effect 1 = 1 min 2 = 2 min 3 = 3 min 4 = 4 min 5 = 5 min 10 = 10 min
Exhaust Fan Timer	9	Exhaust Fan operated by Timer with or without panic	0 = No Timing 15 = 15 min 30 = 30 min 45 = 45 min 60 = 60 min
LA Input	10	Companion Input Mode @ Pins 18 & 19	0 = LA Companion Input 1 = Gas Detector Input for Cir 2 only 2 = LA Companion Input W/O EMS effect LA Output 3 = Gas Detector Input @ Cir 2 W/O EMS effect LA Output

**Table # 2: Circuit Function Criteria**

<b>Circuit</b>	<b>Position</b>	<b>Description</b>	<b>Options</b>
Cir #1	11	Fuel Gas Detector Effects Circuit Operation	0 = none 1 = yes
Cir # 1	12	Circuit Timing Effects Operation OFF	0 = no 1 = yes 2 = EMS-No effect on OFF
Cir #2	13	Fuel Gas Detector Effects Circuit Operation	0 = none 1 = yes
Cir # 2	14	Circuit Timing Effects Operation OFF	0 = no 1 = yes
Cir #3	15	Circuit is Standard or Fan	0 = Standard 1 = Fan
Cir #3	16	EMS Influence if Fan (for OFF W/Panic only)	0 = no 1 = yes
Cir #3	17	Fuel Gas Detector Effects Circuit Operation	0 = none 1 = yes
Cir # 3	18	Circuit Timing Effects Operation OFF (only if #15 = 1)	0 = no 1 = yes 2 = Fan Timer effects All OFFs
Cir # 3	19	Spare	
Cir #4	20	Circuit is Remote or Switched	0 = Remote 1 = Switch
Cir #4	21	Circuit is Standard or Fan	0 = Standard 1 = Fan
Cir #4	22	EMS Influence if Fan (for OFF W/Panic only)	0 = no 1 = yes
Cir #4	23	Fuel Gas Detector Effects Circuit Operation	0 = none 1 = yes
Cir # 4	24	Circuit Timing Effects Operation OFF (only if #20 = 1), #21 = 1	0 = no 1 = yes 2 = Fan Timer effects All OFFs
Cir # 4	25	Spare	
Cir #5	26	Circuit is Remote or Cir 3a	0 = none 1 = Remote 2 = Switch Cir 3a
Cir #5	27	If Circuit is Remote Standard or Fan	0 = Standard 1 = Fan
Cir #5	28	Spare	
Cir #5	29	Fuel Gas Detector Effects Circuit Operation	0 = none 1 = yes
Cir #5	30	If Remote Fan Circuit Timing Effects Operation OFF	0 = no 1 = yes (only if #31 = 1)
Cir #5	31	If Remote Fan If only active on Panic	0 = no 1 = yes
Cir # 5	32	Alarm Effects Circuit if Not Fan	0 = no 1 = yes OFF 2 = yes ON