

UtC V9.1 Testing

Input Integration Model # _____ Serial # _____ Location _____ Date _____ page ____ of ____ pages

Function	Applied Y/N	Voltage 5-vdc/24-v	Terminal 2 pins	Pcb-Jumper JP # - Y/N	Post Config.	Functional Y/N	Signal-IN Y/N	Comments
“ems”			26 & 27	#5 = 5 VDC	JP10			1 = 24 VAC/DC or 5 VDC
“ems”		Dry-contact	26 & 27	NONE	JP10			2 = Dry-contact
alarm			20 & 21		JP 11			1 = 24 VDC (2) = Dry-contact
Isolated “panic”			22 & 23					24 VAC / DC
J1-Gas Sensor			18 & 19		JP 3			1 = 24 VDC (2) = Dry-contact
J2-LA / Other			16 & 17		JP 4			1 = 24 VDC (2) = Dry-contact
Isolated “panic”			24 & 25					LA Input
Remote “panic”		Dry-contact	13 & 14					

Note: JP’s should have 2 jumpers if input is Dry-contact – OR – 1 jumper @ center if 24-vac/dc

Output Integration

Function	Applied Y/N	Voltage Dry-contact	Terminal 2 pins	Pcb-Jumper JP # - Y/N	Post config.	Functional Y/N	Signal-OUT Y/N	Comments
“panic” out		Dry-contact	9 & 10					
“panic” out		Configurable	11 & 12		JP 7			1 = Dry-contact (2) = 24 VAC
“Alarm” out		24-vac	7 & 8					
“Alarm” out		Dry-contact	5 & 6					
“LA” out		24-vac	3 & 4					
“LA” out		Dry-contact	1 & 2					
Key-Reset out		24-vac	15 & 30					Only if SSR1 is in place

Note: Jumpers are required @ JP 5 when input voltages are 5-vdc. Remove jumpers when input = 24 vac/dc.

“panic” output monitoring JP 7 should be L/R = 24-vac - OR - center = dry-contact.

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 ζ R	Amps	Pcb LED’s	Panel LED’s
CIR 1	Electric										-			
CIR 2	Nat. Gas													
CIR 3	Water													
CIR-4	Ex Fan										-			
CIR 5	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-

24 vac should be present @ pins 7 & 8 at all times. _____ 12 vac should be present at all times only if FUSE 2 on the pcb is present. _____