

# 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 $\zeta$ R	Amps	Pcb LED’s	Panel LED’s
CIR 1	Electric	OFF	YES	YES	NO	YES	YES	YES	24-vac	0	-	50mA	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	-	50mA	YES	YES
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. \_\_\_\_\_