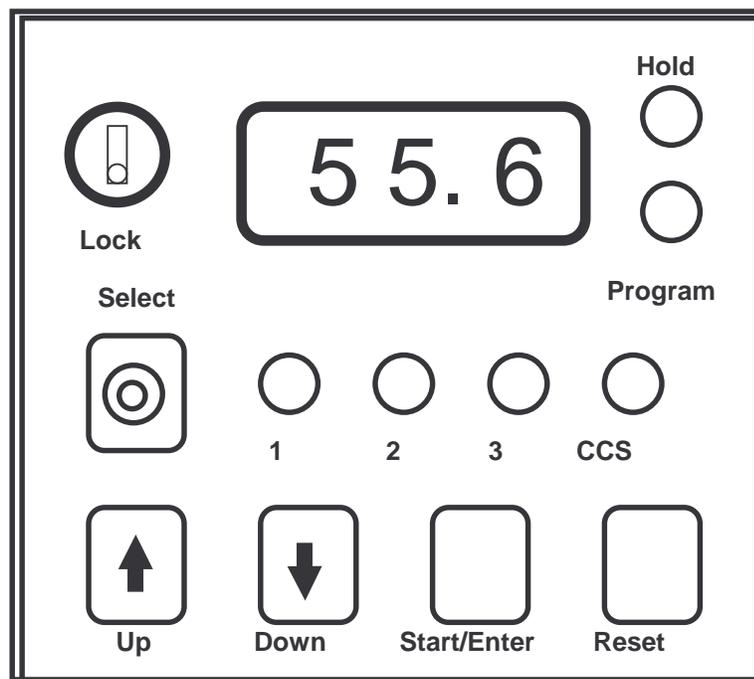


3 Sequential Timer with Pressure Switch**STPS 3000****A. Programming the STPS 3000**

1. Use the Key provided for turning on the program “lock”. The Program mode is indicated by a Program LED (Light Emitting Diode) turning on.
2. Now that we are in program mode Use the Key called “Select” by pressing it and the four LEDs on the right turn on and flash Sequentially.
3. There are Four values to be programmed Timer 1 (Indicated by LED under Timer Clock and Marked 1), Timer2, Timer3 and CCS.
4. To program Timer 1 use select key to make the LED of Timer 1 Flash use Keys marked “up” and “Down” to make display read value required then press Start/Enter key to store value in the Memory.
5. Repeat same method for Timer 2, 3 and CCS.
6. Verify Values stored by using select key to scroll the four settings.
7. Turn the program key to turn off the program LED and remove key and place in secure place now the settings are tamper proof.



B. Running STPS 3000

1. To run or operate the STPS 3000 the program LED should be off and the programming completed as explained in Page 1.
2. Use the remote START input or the Start key on the front panel to start operation.
3. Press Reset anytime to halt and stop operation all the Relay outputs will be off in reset position (the Common of relay and the NC position will be linked).

C. Mode of Operation

1. Once the START Local or Remote is pressed the STPS 3000 is Initialized and Timer 1 Time in Seconds Countdown is Started and simultaneously Relay of Timer 1 turns ON.
2. After time of Timer 1 elapses Timer 2 (Relay 2) turns on and Timer 2 Time is Loaded and Countdown starts again.
3. After Timer 2 time elapses Timer 3 (Relay 3) turns on and timer 3 time is Loaded and fresh countdown starts.
4. After Timer 3 time elapses Timer 3E relay turns on indicating end of all timers.
5. When Relays 1, 2 and 3 operate the indication of timer LEDs in Green is Present.
6. During the Timing period if the CCS goes Beyond ther CCS set point the Timers stop and Fail Relay turns on.
7. If During the Entire Timing Period if the CCS value is within set limit the Pass Relay Comes on at the end .
8. When timer Halts the CCS value is latched to Display and Hold LED comes on.
9. The Display latches even if the Process value exceeds the set CCS.

D. Rear Panel and Relay Box Terminations.**1. CCS**

This relay is CCS Fail Relay.

2. Time 1.

This Turns on when Start Key is pressed.

3. Time 2.

This Turns on at the end of Time 1

4. Time 3.

This Turns on at the end of Time 2.

5. Remote

The Remote Start and reset can be connected here.

Auxillary Relay Box**1. Timer3E**

This turns on at end of Time 3.

2. Pass

This is the CCS pass relay.