

ELEX SMART TIME SWITCH

SMART SWITCH for turning ON & OFF any Electrical device or Equipment at set Time or selected day of week.

Display shows the Clock Time in 24 Hour format with decimal LED blinking every second.

- i) Connect Aux. Supply 230V AC at N & L.
- ii) Connect Earth at E.
- iii) The SW is potential free contacts to switch ON / OFF. The load to be used in series. The Load of 30A / 220 V AC (Resistive load) may be drawn from the relay. Ensure connections are tight & securely placed to avoid sparking at higher current.
- iv) A user can set 40 sets of ON/OFF time in a week.
- v) Key LOCK facility is provided, so that only authorized person can change the setting. the Clock time & ON / OFF setting can be changed only when key lock is OPEN.

SETUP INSTRUCTIONS

KEY LOCK – FIRST OPEN LOCK TO CHANGE THE PROGRAMME

- To OPEN KEY LOCK Press key 'L', LOCK will be displayed hold the key for 10 Sec., till OPEN is displayed. Now key LOCK is open.
- To LOCK KEYS (when OPEN) press key 'L' OPEN will be displayed, hold the key for 10 Sec., till LOCK is displayed that indicates the keys are now locked.

SETTING THE TIME

NORMAL DISPLAY – Display shows the Clock Time in 24 Hour format with decimal LED blinking every second

- i) Press the CLOCK key once, current time will be displayed & blinking LED will stop blinking
- ii) Press the left key ▲ to set HOUR (0 to 23) & right key ▲ to set MINUTE (00 to 59).
- iii) Press the key ↵(PGM) once to set new time as current Time.
- iv) The display will change to display Day of week.

Sun Mon TuE WEd Thu Fr, SAT
Sunday Monday Tuesday Wednesday Thursday Friday Saturday

- v) Press the left key ▲ or right key ▲ to set day of week.
- vi) Press the key ↵ once to set new day as current day.
- vii) The display will change to display Clock Time with decimal LED blinking every second

PROGRAMMING

GROUP OF DAYS / DAY

1. Group of days means the days on which we want to switch ON or OFF e.g.

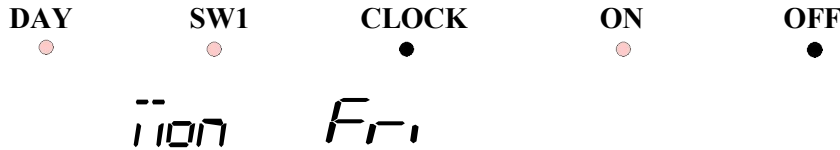
Monday to Friday or
Monday to Saturday or
Sunday to Saturday.

So what ever time we set that shall repeat between the group of days as set. In case of Monday to Friday group the START DAY shall be Monday & END DAY shall be Friday (Both days inclusive)

2. Day means ON/ OFF only on single day in this case START DAY & END DAY will be same

SETTING DAYS & ON / OFF TIME ON THOSE DAYS

- i) Press the PGM. Key once, DAY,SW 1, ON LED's will turn ON & days set in START DAY: END DAY format will be displayed.



e.g. Start day Monday & End day Friday

- ii) Press the key ▲ to set START DAY & right Key ▲ to set END DAY. The set ON / OFF time of this entry will be effective only on days form START DAY to END DAY inclusive of both days).
- iii) Press the key ↵ once to save this day setting. DAY LED will go OFF & 1ST set ON time will be displayed.



- iv) Press the left key ▲ to set HOUR (0 to 23) & right key ▲ to set MINUTE (00 TO 59) for ON time.
- v) Press the key ↵ once to save this set ON time. ON LED will go OFF, & 1st set OFF time will be displayed with OFF LED ON.



- vi) Press the left key ▲ to set HOUR (0 to 23) & right key ▲ to set MINUTE (00 to 59) for OFF time.
- vii) Press the key ↵once to save this set OFF time. OFF LED will go OFF, ON & DAY LED will turn ON with START DAY: END DAY displayed for next entry.



- viii) Repeat step ii) to vii) till all 40 ON & OFF time with DAY are set or if less number of programs are required to set then set both ON & OFF time as 00 Hr. 00 Min. after your last time program. The entry before this will be last entry (THIS INDICATES END, for entry less than 40).The display will change to display Clock Time with decimal LED blinking.

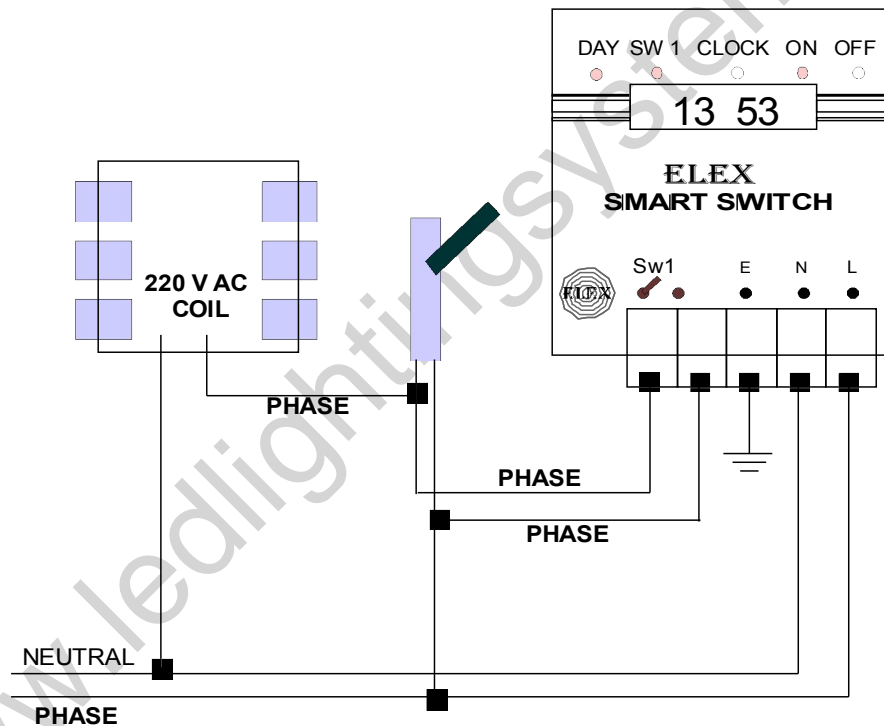
IMPORTANT:

- i) When display is in Clock setting or ON / OFF time setting mode the decimal LED will not blink .Only when display is in Clock Time display mode decimal LED blink every second.
- ii) Entry will be saved only when key ↵ is pressed after each entry. By pressing VIEW key we can go to next entry without changing the current set value.
- iii) All ON & OFF entry should be in pair with ON time first & then OFF time.

- iv) If less than 40 sets of ON & OFF time is required, than after last entry, next both ON & OFF entry should be 00 Hr. 00Min
- v) At the time of setting, if no key is press for 5 Sec. the display will change to display the Clock time.
- vi) If no key is pressed for 10 Min., all the key will be locked.
- vii) Any middle entry if not required can be cancelled by entering OFF time same as ON time, so relay will not operate at that time as both ON & OFF time are Same.

VIEWING ALL THE SETTINGS

- i) Any time by pressing VIEW key all the setting can be viewed.
- ii) When CLOCK LED is ON, CLOCK setting such as HOUR: MIN. will be displayed.
- iii) When SW1 LED is ON, setting such as DAYS & ON/ OFF time in HOUR: MIN will be displayed.
- iv) When all setting are viewed, display will change to display Clock Time with decimal LED blinking every Second.



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