



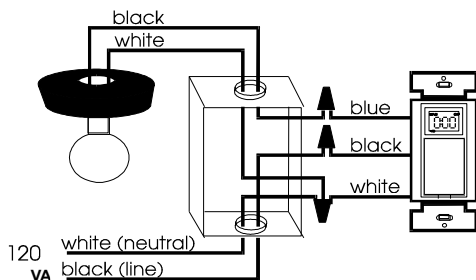
PROGRAMMABLE WALL SWITCH MODEL TI033 - SINGLE POLE

THE MAXIMUM LOAD MUST NOT EXCEED:

Resistive	20A	incandescent or halogen lighting, block heater, etc.
Inductive	20A	ballast equipped installations as: fluorescent sodium lamp, etc.
Motor	1HP	pool filter, fan, etc.
Under 120 VAC / 60 Hz		

INSTALLATION

WIRING DIAGRAM



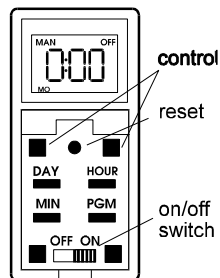
- 1 - Turn off the power at the circuit breaker to avoid an electrical shock.
- 2 - Remove and disconnect the existing switch.
- 3 - Connect each wall switch lead to each circuit conductor as shown in above diagram.
- 4 - Restore power at circuit breaker.

POWER-ON

1. Lift up the bottom of the door using a small screwdriver.
2. Be sure that the ON/OFF switch is set to ON.
3. Press on the « reset » button using a paper clip.
4. On the display, 0:00 and MO should flash.

If there is nothing on the screen, test the following points :

- a) Maybe the ON/OFF switch located at lower part of the unit is not properly engaged in ON position. Push it to the right using a small screwdriver.
- b) If the wall switch controls a lamp equipped with an on/off switch, care must be taken to keep the lamp switch in ON position.



SETTING TIME AND DAY

Before starting programming, you have to set the hour format (12 hrs. & 24 hrs).

- 1- You can change the time format anytime from 24 hrs. to 12 hrs. and back. To do so, keep the MIN key pressed down as HOUR key is pressed and released. Then, release MIN key.
- 2- Set the day by using the DAY key (if the current day is Tuesday, press and

release DAY key until TU indicator appears on the lower area of the screen).

- 3- Set the time by using the HOUR and MIN keys (for the 12 hrs. time format, if you are setting an afternoon or evening time, make sure that the PM indicator is turned on at left side of the screen).
- 4- Close the door or press on one of the « control » keys to return to normal operations.

OPERATING MODES

The wall switch has 2 operating modes: the MANual and AUTOMATIC modes.

In the MANual mode, the wall switch is like any normal single pole switch. By pressing on the door, the user turns on and turns off the light. The display shows the MAN indicator as well as light state (ON or OFF).

The AUTOMATIC mode executes in sequence (hourly) the user's recorded programs. To place the wall switch in this mode, press on the door for 3 seconds until AUTO appears on the screen. The display shows the active program number and the light state (ON or OFF).

To override temporarily the programming, press on the door. The overridden state indicator will flash to show that this state is temporary. The override remains in effect until overridden again or until the next program is reached. To return in manual mode, press on the door for 3 seconds until MAN indicator appears on display.

RECORDING THE PROGRAMS

The memory of this wall switch can hold up to 7 programs. Each program consists of a time ON (turn on) and a time OFF (turn off) which can be run for a single day or for everyday of the week.

ATTENTION: Both ON and OFF programming sequences must be recorded.

- 1 - Open the door of the wall switch using a small screwdriver.
- 2 - Press on the PGM key.

The display will show the number 1 (program 1) on the lower right corner and the program state (ON/OFF) on the upper right corner. Note that the clock is replaced by -- : -- showing that the selected program is not activated.

- 3 - Press on the DAY key to select the day to which you want the light to turn on.

If you want the program to be repeated for each day of the week, keep pressing on DAY several times until every day of the week appears on the screen.

- 4 Press on the HOUR and MIN keys to set the time to which you want the light to turn on.

Make sure that PM indicator appears on the screen if you want an afternoon period (12 hrs. time format).

- 5- Press a second time on PGM key to set the time for the light to turn off. Repeat steps 3 and 4 to set the time.

If the program 1 ON is set for every day of the week, the program 1 OFF will automatically be set for every day.

- 6- To enter programs 2 to 7, repeat steps 2 to 5.

If you need only one program, just leave the others inactive. If you want to erase a program, select it by using the PGM key and then hold PGM key for 3 seconds. The program will be erased when the display will show -- : --.

- 7- Close the door or press on one of the « control » keys to return to normal operation.

MEMORY BACKUP

This wall switch is equipped with a rechargeable battery which will protect your programs during a power failure.

Note that the screen blanks during a power failure.

CHARACTERISTICS

Model: TI033A- SINGLE POLE

Supply: 120 VAC, 50 / 60 Hz

Load: 2400 watts resistive or inductive, 1 HP motor

Approvals: CSA & UL

Storage temperature range: -20 °C to 50 °C

Operating temperature range: 0 °C to 50 °C

WARRANTY

This product is warranted by the manufacturer against material defects and workmanship in normal use for a period of one year from date of original purchase from authorized dealer. During this period the manufacturer will repair or replace any product proven defective in normal use with a new or equivalent quality without charge. This warranty does not cover installation, removal or reinstallation of the control. The warranty does not cover investigation, transportation, misuse or accidental damage.

If you have any installation questions please call Nuheat[™] before you proceed at **1-800-778-WARM (9276)**.

Thank you for choosing the Nuheat[™] Programmable wall switch.