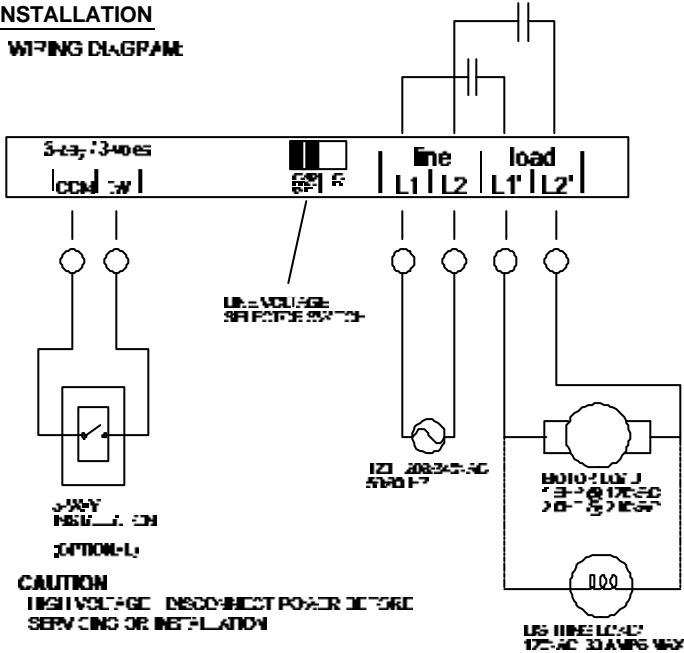


# INDUSTRIAL TIMER MODEL TI040

THE MAXIMUM LOAD MUST NOT EXCEED :		
Resistive	30A	incandescent or halogen lighting, block heater, etc.
Ballast	10A	ballast equipped installations as : neon, sodium lamp, etc.
Motor	1.5HP @ 120VAC 2.0HP @ 240VAC	pool filter, fan, etc.
Under 120-208/240Vac, 50/60Hz		

## INSTALLATION

### WIRING DIAGRAM



- 1 - Turn off the power at the circuit breaker to avoid electrical shock.
- 2 - Connect each cable to the terminals as shown on wiring diagram.
- 3 - Select the proper operating voltage.
- 4 - Restore power at circuit breaker.

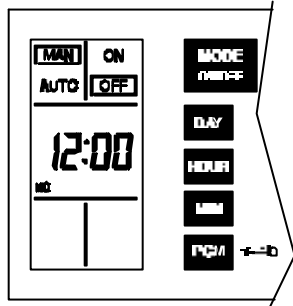
**Note :** For 3-way installation, use a standard single pole switch and connect it to the terminals as shown on wiring diagram.

## POWER-ON

At first power-on, you should be seeing 0:00 flashing on the display.

If the display is different, press the RESET button by using a paper clip.

If there is nothing on the display, verify the power source.



## SETTING TIME AND DAY

Before programming, set the clock to the correct time.

- 1 - You can change the time format at anytime back and forth from 24 to 12 hour. To do so, maintain MIN button pressed down as HOUR button is pressed and released. Then, release MIN button.
- 2 - Set the day by using the DAY button (If the current day is Tuesday, press and release DAY button until TU indicator appears on the lower area of the screen).
- 3 - Set the time by using the HOUR and MIN buttons (For the 12 hour 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 - Press on the MODE button or wait 10 seconds to return to either MANUAL or AUTOMATIC operating mode.

## OPERATING MODES The timer has 2 operating modes

In the MANUAL mode, the MODE ON/OFF button turns load ON and OFF. On the display, the "MAN" indicator as well as load status "ON or OFF" are shown.

In AUTOMATIC mode, the timer runs the user's recorded programs in sequence (hourly). To place the timer in this mode, press on the MODE button about 3 seconds until "AUTO" appears on the display. The display shows the active program number and the load status "ON or OFF".

To override temporarily the programming, press on the MODE button or use the 3-way switch installation. 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 exit the AUTO mode, press on the MODE button about 3 seconds until "AUTO" indicator is replaced by "MAN".

## RECORDING THE PROGRAMS

The memory of this timer 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 - Press on the PGM button.

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.

- 2 - Press on the DAY button to select the day to which you want the load to turn on.

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

- 3 - Press on the HOUR and MIN buttons to set the time to which you want the load to turn on.

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

- 4 - Press a second time on PGM button to set the time for the load 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.

- 5 - Press a third time on PGM button to record programs 2 to 7.

If you need only one program, just leave the others inactive.

If you want to erase a program, select it by using the PGM button and then hold PGM button for 3 seconds. The program will be erased when the display will show --:--

- 6 - Press on the "mode" buttons to return to normal operation.

## MEMORY BACKUP

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

Note that the display blanks during a power failure.

## CHARACTERISTICS

Model : TI040

Supply : 120-208/240 VAC, 50 / 60 Hz

Loads : 30 Amps general use

1.5 HP @ 120 VAC

2.0 HP @ 240 VAC

Approvals : CSA / UL

Operating temperature range : -40 to 50 °C

3-Way input : single pole switch

Type of enclosure : 3R

## ENERGY AUTOMATION INC. ONE YEAR LIMITED WARRANTY

This product is warranted against material defects and workmanship in normal use for a period of one year, from the date of the original purchase from authorized dealers. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage. This limited warranty is in lieu of all other warranties, obligations or liabilities expressed or implied by the company.

In no event shall Energy Automation Inc. be liable for consequential or incidental damages resulting from installation of this product. Within this period, any product proven defective in normal use will be repaired or replaced, at Energy's option, without charge for either parts or labour, provided that the defective product with the original sale receipt is returned to the original dealer or is shipped pre-paid, insured and addressed to :

ENERGY AUTOMATION INC.  
Customer Service  
7 First Ave  
Orangeville, ON  
Canada L9W 1H7

If you have any questions concerning the installation or the programming of the wall switch, please call our technical assistance at (519) 942-0406 or toll-free 1-800-838-7435 from Monday to Friday between 8:00 AM to 5:00 PM, EST.