

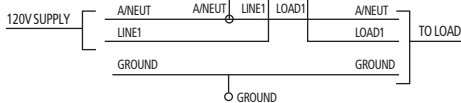
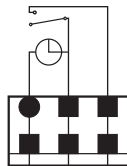
<http://waterheatertimer.org/Boxtype.html#Westek>

Mechanical Time Switch

SINGLE POLE/SINGLE THROW (SPST)
 40 AMP RESISTIVE, INDUCTIVE, TUNGSTEN
 OR 1000VA PILOT DUTY 120V AC
 2HP (24FLA) - 120VAC

Timer Motor Input Voltage:

110-125 VOLTS -60Hz between terminal
 [A/NEUT] and terminal [LINE1].



WIRING INSTRUCTIONS

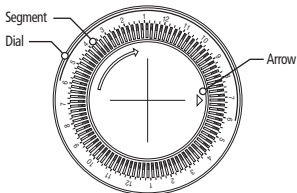
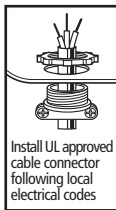
120V SPST

1. For 120V Operation: Connect **SUPPLY** to NEUT and LINE1, and **OUTPUT** to NEUT and LOAD1.

Remove terminal cover plate to get access to the terminals. Remove knockouts and insert and secure wiring as required by local electrical codes.

To wire switch follow diagram above. Use only solid or stranded COPPER wire with insulation to suit installation. See gauge selection table for normal service applications. To make power connections remove 1/3 inch of insulation from wire ends. Insert bare ends of wire under the pressure plate of terminals. Use screwdriver to tighten terminal screws firmly (25 in-lb minimum).

REPLACE INSULATOR PLATE BEFORE TURNING ON ELECTRICITY



MINIMUM COPPER WIRE SIZE (AWG)	MAX LOAD (AMP)	MIN INSULATION TEMP (°C)	75°C INSULATION MAX. MOTOR LOAD (HP)			
			SINGLE PHASE		3 PHASE	
			120V	240V	208V	240V
14	15	60	1/2	2	N/A	N/A
12	20	60	1	2 1/2		
10	30	60	2	3		
8	40	75		4		

PROGRAMMING INSTRUCTIONS: TO SET "ON" AND "OFF" TIMES

1. **SET ON/SET OFF TIMES.** Locate segment pins on the dial
2. Push segments toward the outer rim of the dial to select the ON time. Push out all segments falling within the period of time that the power will be on. Each segment represents 15 minutes.
3. Push all segments falling within the period of time that the power will be OFF toward the center of the dial.
4. **SET TIME OF DAY.** Rotate the dial in clockwise direction until the arrow points to the current time. Rotating the dial in the counter clockwise direction will permanently damage your timer.
5. **SET OFF/ON OR TIMER (⊖) MODE OF OPERATION**
6. Place selector switch in the (⊖) position to select timer operation
7. Place selector switch in ON position to turn power on. Power will not turn off until the switch is changed.
8. Place selector switch in OFF position to turn power off. Power will not turn on until switch is changed.
9. In case of power failure reset clock dial to proper time of day. (Step 4)