

CYCLE TIMER

<http://waterheatertimer.org/Intermatic-timers-and-manuals.html#cycle>

talento 121

The talento 121 is a synchronous motor driven electromechanical one hour time switch intended as a low cost repeat cycle timer for industrial processes and other applications. It provides continuous on and off cycling of a load in a pattern which will repeat every hour. Captive trippers allow setting up to 24 on and 24 off times in 1.25 minute increments over a one hour period. It may be used in conjunction with a GRASSLIN 24 hour or 7 day time switch to provide repeat cycle timed switching only during selected periods of the day or week. It may be surface or DIN rail mounted within panels, or may be mounted in a GRASSLIN indoor or outdoor enclosure.

SPECIFICATIONS

Timer Input: 120V 60Hz or 208/240V 60Hz

Power Consumption: Approx. 1VA

Switch Output: SPDT Isolated Contacts
16A Resistive, 250VAC
4A Inductive, 250VAC
1350W Tungsten, 250V

Shortest Switching Time: 1.25 Minutes

Operating Temperature: -13°F to 130°F (-25°C to 55°C)

Operating Humidity: 0 to 95% RH Non-Condensing

Manual Override: ON - AUTO - OFF

Wiring Connections: Screw Terminals For Up To #12 AWG wires

ORDERING DATA

| Model | Voltage |
|-------------|---------------------|
| talento-120 | 120V 60Hz Input |
| talento-240 | 208/240V 60Hz Input |

ACCESSORIES

E110 Metal, NEMA 1 Indoor Enclosure

E150* Plastic, NEMA 1 Indoor Enclosure

E200* Plastic, NEMA 3R Outdoor Enclosure

**E150/200 enclosures available with a clear cover, add "C" after model number.*

INSTALLATION (DIN Rail/Surface Mount)

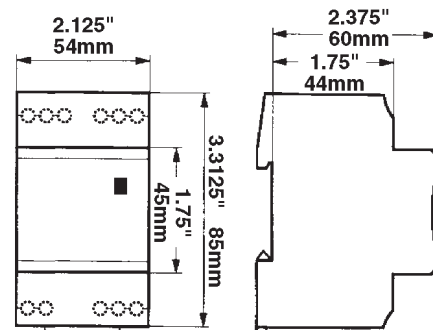
1. Disconnect power supply prior to installation.
2. With a screwdriver, pry down the catch on the rear bottom of the timer until it clicks.
3. Install mounting base in panel with the 40mm (2.75") marking showing and at the top.
4. Place timer on plastic mounting base (or DIN rail) and snap catch upward to lock timer onto base.
5. Wire to proper voltage as marked on the timer in accordance with National and Local electrical codes.

NOTE: A ground connection to the timer is not required. Wiring to incorrect voltage will void the warranty.

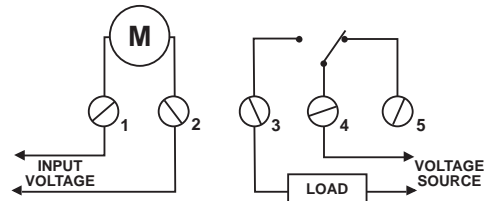
6. Apply power and check operation of timer.



Dimensions



Terminal Connections



OPERATING INSTRUCTIONS

1. Push captive trippers outward for ON time periods desired.
2. Push captive trippers inward for OFF time periods.
3. Rotate dial clockwise to desired starting point or to minutes of the hour if this timer is being synchronized with the time of day or used in conjunction with a time of day time switch.

Manual Override

1. The lever at the upper right of dial should be in the middle "0" position for normal (Auto) operation.
2. Move the lever down to the **0** position to turn the switch continuously OFF.
3. Move the lever up to the **I** position to turn the switch continuously ON.