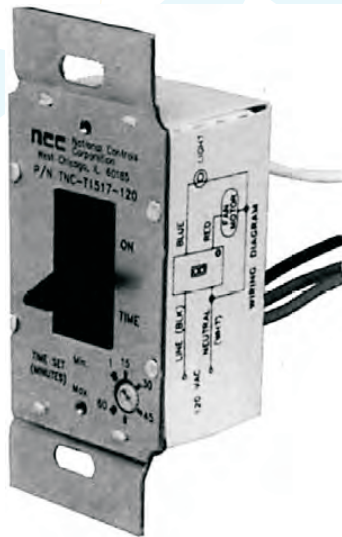


## Time Delay Switch

Model T1517

### OPERATING LOGIC

Voltage is applied to the unit at all times via the black and white wires. When the switch is placed in the "On" position, power is applied to the Lamp and Fan Output. When the switch is placed in the "Timed" position, the power is removed from the Lamp Output and the Fan Output stays on for the preset delay time. After the delay time the power is removed from the Fan Output. Should the switch be placed in the "On" position during the delay time, the timer will be reset and both outputs will be "On" as defined above. Should power be interrupted, when in the "Timed" position, the timer will be reset and when power is reapplied the Fan Output will be "On" for the preset delay time after the power is re-applied.



### OPERATING INSTRUCTIONS:

- To turn fan and light ON for continuous operation move paddle switch upwards to the ON position.
- To turn the light off, move paddle switch downward to the TIME position . The fan will stay ON for the timing cycle.

### SPECIFICATIONS

#### TIME DELAY

**Adjustment:** On-board Trimpot

**Range:** 1 to 60 minutes

**Repeatability:**  $\pm 0.5\%$  +8ms max.

**Accuracy:**

Maximum time -0%, +10%

Minimum time -30%, +0%

#### INPUT

**Operating Voltage:** 120 VAC  $\pm 10\%$

**Power Consumption:** 3.5 VA max. at 120 VAC (exclusive of loads)

**Frequency:** 50/60 Hz

#### OUTPUT

**A-Lamp Load (Switch):** 500 W at 120 VAC max. (blue wire)

**B-Fan Load (Switch and Relay Contact):**

1/3 hp, 10 A (resistive) at 120 VAC max. (red wire)

**Life:** 100,000 cycles at full load

#### MECHANICAL

**Mounting:** Fits single switch outlet box

**Electrical:** Simple wire nut hook-up

**Switch color:** Black

#### ENVIRONMENTAL

**Storage Temperature:** -40°C to 70°C

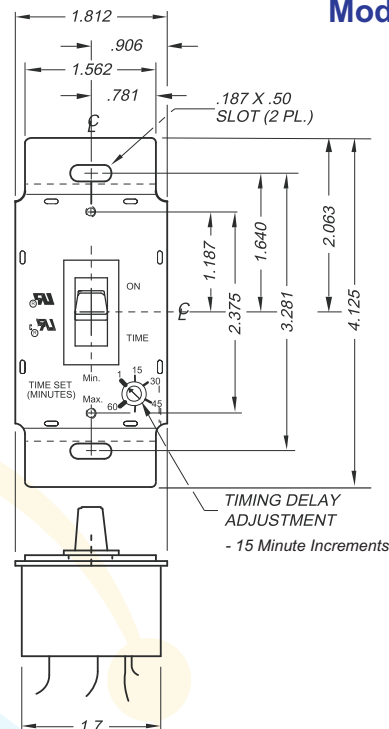
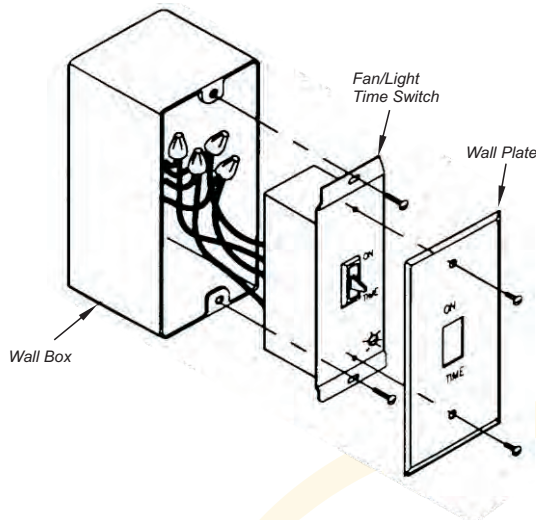
**Operating Temperature:** -40°C to 55°C

**Humidity:** 95% relative



# Time Delay Switch

Model T1517



## INSTALLATION INSTRUCTIONS

### NOTE:

**INSTALLATION BY A LICENSED ELECTRICIAN IS RECOMMENDED. INSTALLATION AND USE OF THIS EQUIPMENT SHOULD BE IN ACCORDANCE WITH PROVISIONS OF THE NATIONAL ELECTRICAL CODE. APPLICABLE LOCAL CODES AND PERTINENT INDUSTRY STANDARDS SHOULD BE VERIFIED BEFORE INSTALLATION.**

1. Turn power OFF at circuit breaker or fuse panel.
2. Remove cover plate and existing switch fr wall box if one is presently installed.
3. Referring to diagram 1 or 2, connect the wires the wall box using the wire connectors supplied.
4. Carefully place wires and switch into wall box and secure with two mounting screws.
5. Using a small screwdriver set time required by dialling the TIME SET adjustment screw located in the lower right corner of plate to desired position.
6. Install wall plate. Make sure the switch is is s to the TIME position.
7. Turn power on at circuit breaker or fuse panel.

## WIRING DIAGRAMS

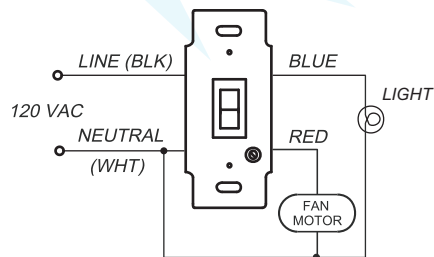


DIAGRAM 1 - Standard Fan/Light Application

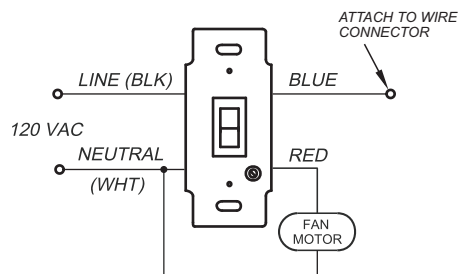


DIAGRAM 2 - Single Timed Load Application

Contractor:		Time Delay Switch		
Architect:	Job:	Date	Supersedes	Drawing No.
Engineer:	Date Submitted:			