

# MODEL: T101

## 24 HOUR DIAL TIME SWITCH

TYPE 1 INDOOR USE ONLY

SINGLE POLE SINGLE THROW (SPST)

40 A RESISTIVE, INDUCTIVE, TUNGSTEN

OR 1000 VA PILOT DUTY 120/208/240 VAC;

2 HP (24 FLA) - 120 VAC; 5 HP (28 FLA) - 240 VAC

16 A ELECTRONIC BALLAST, 277 VAC



UL  
HOLOGRAM  
LABEL

### **WARNING** Risk of Fire or Electric Shock

- Disconnect power at the circuit breaker(s) or disconnect switch(es) before installing or servicing.
- Installation and/or wiring must be in accordance with national and local electrical code requirements.
- Use wires rated at least 90°C - COPPER conductors ONLY.
- Replace plastic insulator covering terminals before powering ON.
- KEEP DOOR CLOSED AT ALL TIMES when not servicing.

### **AVERTISSEMENT** Risque d'incendie ou de choc électrique

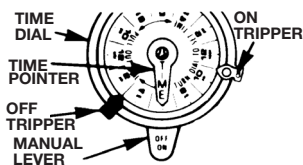
- Utiliser des fils classés 90 °C minimum - Conducteurs en CUIVRE UNIQUEMENT.

### **NOTICE**

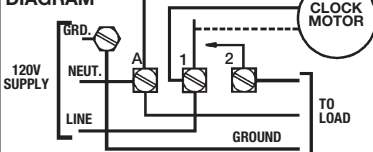
- Rotate timer dial clockwise only.
- Do not move the clock hands on the timer. Moving the clock hands can damage the timer.

## CLOCK MOTOR: 120 VAC, 60 HZ.

CLOCK MOTOR VOLTAGE AND CYCLE MUST BE AS SPECIFIED. TO ORDER REPLACEMENT, INDICATE PART NO. (WG--) ON MOTOR COVER.

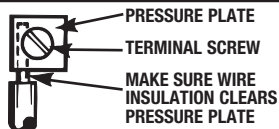


### WIRING DIAGRAM



WIRING INSTRUCTIONS: Remove 1/2 inch of insulation from wire ends. Tighten terminal screws firmly (2-18 in.-lbs). Use solid or stranded COPPER conductors only. May use two wires of the same size and type.

| MINIMUM<br>COPPER<br>WIRE SIZE<br>(AWG) | MAX. LOAD<br>(AMP) | MIN. INSUL-<br>ATION<br>TEMP(°C) | 75°C INSULATION MAX. MOTOR<br>LOAD (HP) |        |         |        |
|---|--------------------|----------------------------------|---|--------|---------|--------|
|   |                    |                                  | SINGLE PHASE                            |        | 3 PHASE |        |
|   |                    |                                  | 120 V.                                  | 240 V. | 208 V.  | 240 V. |
| 14                                      | 15                 | 90                               | 1/2                                     | 2      |         |        |
| 12                                      | 20                 | 90                               | 1                                       | 2 1/2  |         |        |
| 10                                      | 30                 | 90                               | 2                                       | 3      | N/A     | N/A    |
| 8                                       | 40                 | 90                               | -                                       | 5      |         |        |



### PROGRAMMING INSTRUCTIONS

1. TO SET "ON" AND "OFF" TIMES: Hold trippers against edge of CLOCK-DIAL, pointing to time (AM or PM) when ON and OFF operations are desired, tighten tripper screws firmly. For additional tripper pairs on CLOCK-DIAL order 156T1978A.
2. TO SET TIME-OF-DAY: Pull CLOCK-DIAL outward. Turn in either direction and align the exact time-of-day on the CLOCK-DIAL (the time now, when switch is being put into operation) to the pointer. DO NOT MOVE POINTER.

### OPERATING INSTRUCTIONS

- TO OPERATE SWITCH MANUALLY: Move MANUAL LEVER below CLOCK-DIAL left or right as indicated by arrows. This will not effect next operation.
- IN CASE OF POWER FAILURE, reset CLOCK-DIAL to proper time-of-day. See programming instructions.

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