

# MODEL: T103

## 24 HOUR DIAL TIME SWITCH

TYPE 1 INDOOR USE ONLY

DOUBLE POLE SINGLE THROW (DPST)

40 A RESISTIVE, INDUCTIVE, TUNGSTEN

OR 1000 VA PILOT DUTY EACH POLE 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

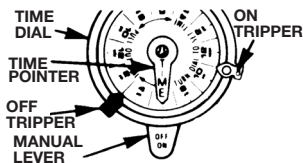
- Utiliser des fils classés 90 °C minimum - Conducteurs en CUIVRE UNIQUEMENT.

### **NOTICE**

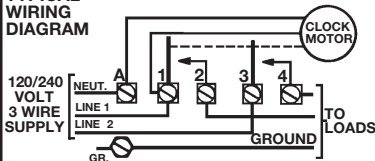
- Rotate timer dial clockwise only.
- Do not move the clock hands on the timer. Moving the clock hands can damage the timer.

## 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.

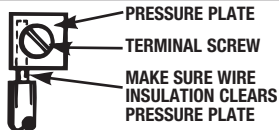


### TYPICAL WIRING DIAGRAM



**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 COPPER WIRE SIZE (AWG)	MAX. LOAD (AMP)	MIN. INSULATION TEMP(°C)	75°C INSULATION MAX. MOTOR 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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