

MODEL: T104M

24 HOUR DIAL TIME SWITCH MECHANISM

DOUBLE POLE SINGLE THROW (DPST)

40 AMP. RESISTIVE EACH POLE 120-480 VOLT AC;

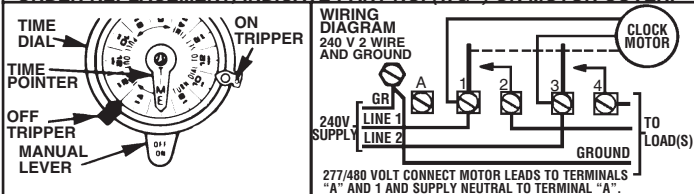
40 AMP. INDUCTIVE OR TUNGSTEN OR 1000 VA

PILOT DUTY EACH POLE 120V-277V AC;

2 HP (24 FLA)-120V AC; 5 HP (28 FLA)-240V AC.

CLOCK MOTOR: 208-277 VOLTS - 60 HZ.

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



WIRING INSTRUCTIONS: To wire switch follow diagram above. Use solid or stranded **COPPER only** wire with insulation to suit installation. See gauge selection table for normal service applications. To make power connections remove 1/2 inch of insulation from wire ends. Insert bare ends of wire under the pressure plate of terminals. Use 3/16 or larger screwdriver to tighten terminal screws firmly. (25 lb-in minimum).

REPLACE INSULATOR 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	
			120 V.	240 V.	208 V.	240 V.
14	15	60	1/2	2	N/A	N/A
12	20	60	1	2 1/2	N/A	N/A
10	30	60	2	3	N/A	N/A
8	40	75	-	5	N/A	N/A

The diagram shows a terminal screw and a pressure plate. The pressure plate is a rectangular plate with a hole in the center. The terminal screw is a screw with a flat head. The pressure plate is used to secure the wire to the terminal screw. The diagram shows the pressure plate being pushed down onto the terminal screw. The text says: "PRESSURE PLATE", "TERMINAL SCREW", and "MAKE SURE WIRE INSULATION CLEARS PRESSURE PLATE".

PROGRAMMING INSTRUCTIONS

- 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.
- 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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