

MODEL: T105

24 HOUR DIAL TIME SWITCH

TYPE 1 INDOOR USE ONLY

ONE NORMALLY OPEN - ONE NORMALLY CLOSED CONTACTS
MAY BE WIRED AS SINGLE POLE DOUBLE THROW (SPDT)

40 A RESISTIVE, INDUCTIVE, TUNGSTEN

OR 1000 VA PILOT DUTY PER 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

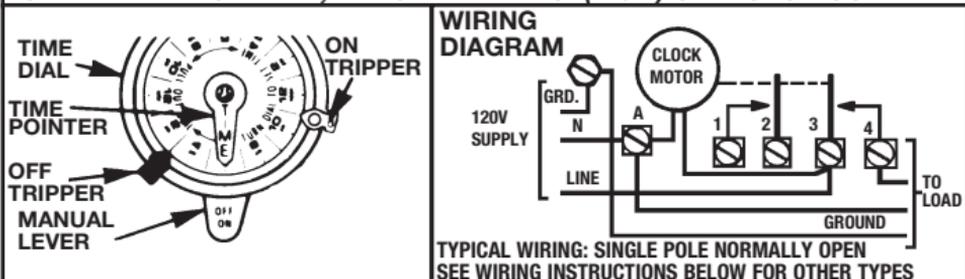
- Utiliser des fils classés 90 °C minimum - Conducteurs en CUIVRE UNIQUEMENT.

NOTICE

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

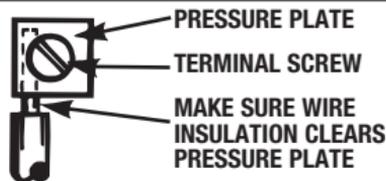
CLOCK MOTOR: 120 VAC, 60 HZ.

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



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. To wire switch follow diagram above. To wire as **SINGLE POLE NORMALLY CLOSED**, move clock motor lead from terminal 3 to 1, and connect **LINE** to 1, **LOAD** to 2. To wire as **SINGLE POLE DOUBLE THROW**, install jumper (the same gauge as Line wire) between 2 and 3 and connect **LINE** to 2, **LOADS** to 1 and 4. **NEUTRAL** connection always as shown.

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	N/A	N/A
12	20	90	1	2 1/2	N/A	N/A
10	30	90	2	3	N/A	N/A
8	40	90	-	5	N/A	N/A



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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