MODEL: T104P

24 HOUR DIAL TIME SWITCH (DPST)

TYPE 3R RAINPROOF ENCLOSURE
SUITABLE FOR POOL EQUIPMENT CONTROL IF INSTALLED 5 FT. OR MORE FROM EDGE OF POOL.
40 A RESISTIVE, INDUCTIVE, TUNGSTEN OR 1000 VA PILOT DUTY 120 - 277 VAC;
2 HP (24 FLA) - 120 VAC; 5 HP (28 FLA) - 240 VAC
16 A ELECTRONIC BALLAST, 277 VAC

LR3730
C US

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.**
- **Bonding between conduit connections is not automatic and must be provided as part of the installation.**
- **For outdoor locations, raintight, or wet location, conduit hubs that comply with requirements of UL514B (standard for fittings for conduit and outlet boxes) are to be used.**
- **Replace plastic insulator covering terminals before powering ON.**
- **KEEP DOOR CLOSED AT ALL TIMES when not servicing.**

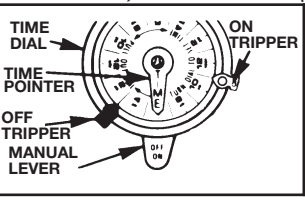
⚠ AVERTISSEMENT *Risque d'incendie ou de choc électrique*

- **Utiliser des fils classés 90 °C minimum - Conducteurs en CUIVRE UNIQUEMENT.**
- **La liaison entre les raccordements de conduits n'est pas automatique et doit être prévue dans le cadre de l'installation.**
- **Pour les emplacements extérieurs, étanches à la pluie ou les emplacements mouillés, des entrées de conduit qui sont conformes aux exigences de UL514B (norme pour les pièces de fixation pour conduit et boîtes de sortie) doivent être utilisées**

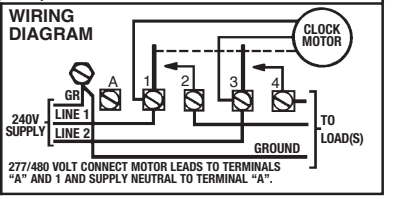
NOTICE
- **Rotate timer dial clockwise only.**
- **Do not move the clock hands on the timer. Moving the clock hands can damage the timer.**

CLOCK MOTOR: 208-277 VAC, 60 HZ.

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



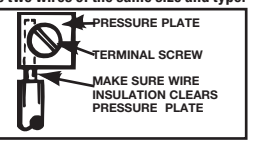
WIRING DIAGRAM



277/480 VOLT CONNECT MOTOR LEADS TO TERMINALS "A" AND 1 AND SUPPLY NEUTRAL TO TERMINAL "A".

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° INSULATION MAX. MOTOR LOAD (HP)			
			SINGLE PHASE		3 PHASE	
			120V	240V	240V	240V
14	15	90	1/2	2	N/A	N/A
12	20	90	1	2 1/2		
10	30	90	2	3		
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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