

# MODEL: T104R3

## 24 HR. DIAL TIME SWITCH (DPST)

IN TYPE 3R RAINPROOF ENCLOSURE SUITABLE FOR POOL EQUIPMENT CONTROL IF INSTALLED 5 FT. OR MORE FROM EDGE OF POOL

40 AMP. RESISTIVE, PER POLE 120-480V. AC; 40 AMP.

INDUCTIVE OR TUNGSTEN OR 1000V.A. PILOT DUTY

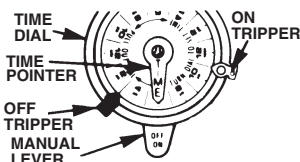
PER POLE 120-277 V. AC; 2 H.P. (24 FLA) - 120 V. AC;

5 H.P. (28 FLA) - 240 V. AC



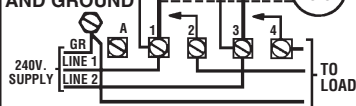
### CLOCK MOTOR: 208-277V. 60 HZ.

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



### WIRING DIAGRAM

240 V. 2 WIRE AND GROUND



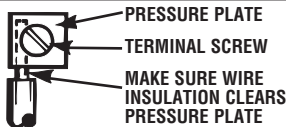
277/480 VOLT- CONNECT MOTOR LEADS TO TERMINALS "A" AND 1 AND SUPPLY NEUTRAL TO TERMINAL "A".

## 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		
12	20	60	1	2 1/2		
10	30	60	2	3	N/A	N/A
8	40	75	-	5		



## 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. See caution below. 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 THE 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.

**INTERMATIC INCORPORATED**

SPRING GROVE, ILLINOIS 60081-9698