

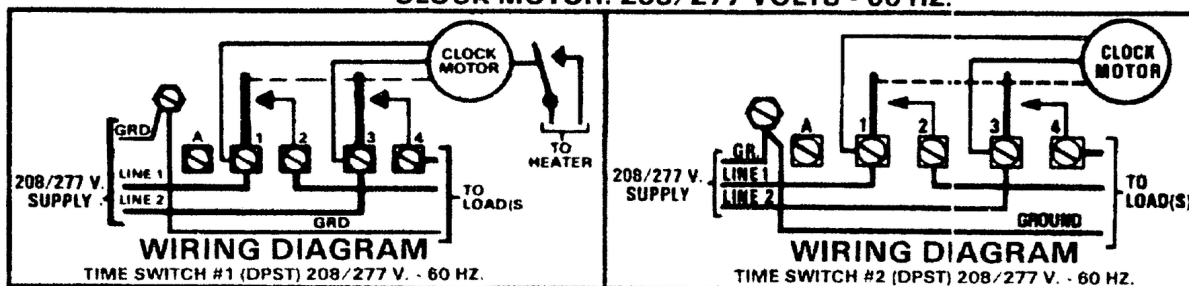
MODEL: T2204R214

"2 IN 1 RAINTIGHT" SWIMMING POOL TIME SWITCH

UL OPERATED SWITCH Listed 885L

SUITABLE FOR SWIMMING POOL EQUIPMENT CONTROL
INSTALL NOT LESS THAN 5 FEET OF INSIDE EDGE OF POOL.

- TIME SWITCH #1:**
TWO CIRCUIT
(LEFT SIDE)
- FILTER CIRCUIT:** DOUBLE POLE SINGLE THROW (DPST) 40 AMP., RESISTIVE, PER POLE 120V, 480V. 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) - 240 V. A.C.
 - HEATER CONTROL CIRCUIT:** 10 AMPS. 250 VOLTS A.C., MAX.
 - CLOCK MOTOR:** 208/277 VOLTS - 60 HZ.
- TIME SWITCH #2:**
(RIGHT SIDE)
- DOUBLE POLE SINGLE THROW (DPST)** 40 AMP., RESISTIVE, EACH POLE 120/480V. AC;
 - 40 AMP. INDUCTIVE, OR TUNGSTEN OR 1000 VA PILOT DUTY EACH POLE 120V.-277V. AC;
 - 2 HP (24 FLA) - 120 VOLT A.C.; 5 HP (28 FLA) -240 VOLT A.C.
 - CLOCK MOTOR:** 208/277 VOLTS - 60 HZ.



WIRING INSTRUCTIONS WHEN USED AS TWO INDEPENDENT TIME SWITCHES: Each Time Switch can be wired to turn ON and OFF any type load up to rated capacity, one to twelve times a day. Minimum ON time is one hour. To wire Time Switch follow diagrams above. Use only solid or stranded COPPER wire with insulation to suit installation. See gauge selection table for normal service applications. To make power connections, see illustration at right. Use 3/16 or larger screwdriver to tighten terminal screws firmly (25 or 30 lb). **REPLACE FRONT INSULATOR BEFORE TURNING ON ELECTRICITY. NOTE: MOTOR VOLTAGE AND CYCLE (HZ.) MUST BE AS SPECIFIED ABOVE.**

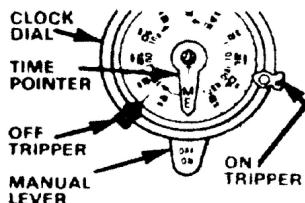
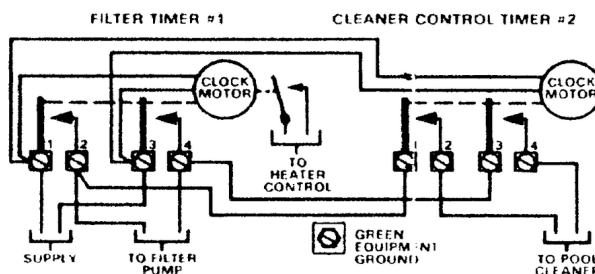
MINIMUM COPPER WIRE SIZE (AWG)	MAX. LOAD (AMP)	MIN. INSULATION TEMP (°C)	75°C INSULATION MAX. MOTOR LOAD (HP)			
			SINGLE PHASE		3 PHASE	
			120 V.	240 V.	208 V.	240 V.
14	15	60	1/2	2	N/A	N/A
12	20	60	1	2 1/2		
10	30	60	2	3		
8	40	75	-	5		



PRESSURE PLATE
TERMINAL SCREW
MAKE SURE WIRE INSULATION CLEARS PRESSURE PLATE

WIRING DIAGRAM AND INSTRUCTIONS FOR INTERCONNECTING TIME SWITCHES WHEN USED AS SWIMMING POOL EQUIPMENT CONTROL.

1. Connect supply wires to "A" and #1 terminals of FILTER TIMER also tie in "A" terminal of CLEANER CONTROL to #1 of FILTER TIMER.
2. Disconnect clock motor #1 lead of CLEANER CONTROL and tie to #1 terminal of FILTER TIMER.
3. Connect filter pump wires to #1 and #2 of FILTER TIMER and also tie in #1 of CLEANER CONTROL to #2 of FILTER TIMER.
4. Connect pool cleaner wires to "A" and #2 terminals of CLEANER CONTROL.



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, tight-en tripper screws firmly. For additional tripper pairs on **CLOCK-DIAL** order 156T1978A.
 - **SET TIME-OF-DAY:** Pull **CLOCK-DIAL** outwards. 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.**
 - **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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