

# MODEL: T175

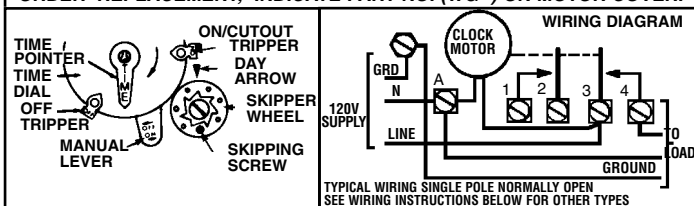
24 HR DIAL TIME SWITCH WITH "SKIPPER®"  
ONE NO - ONE NC CONTACTS



MAY BE WIRED AS SINGLE POLE DOUBLE THROW  
40 AMP. RESISTIVE, INDUCTIVE, TUNGSTEN OR  
1000 VA. PILOT DUTY PER POLE - 120/208/277 VOLT AC;  
2 HP (24 FLA) - 120V AC; 5 HP (28 FLA) - 240V AC.

**CLOCK MOTOR: 110-125 VOLTS - 60 HZ.**

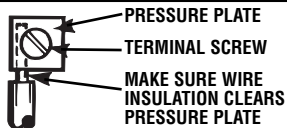
**CLOCK MOTOR VOLTAGE AND CYCLE MUST BE AS SPECIFIED. TO ORDER REPLACEMENT, INDICATE PART NO. (WG--) ON MOTOR COVER.**



**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      |         |        |
| 12                             | 20              | 60                       | 1                                    | 2 1/2  | N/A     | N/A    |
| 10                             | 30              | 60                       | 2                                    | 3      |         |        |
| 8                              | 40              | 75                       | -                                    | 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 156T1948A.
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.**
3. TO SKIP OPERATION(S) ON SELECTED DAY(S): Insert **SKIPPING SCREW(S)** in **SKIPPER WHEEL** for day(s) automatic operation(s) is/are NOT required. Tighten screws firmly. Move **MANUAL LEVER** to "OFF" and rotate **SKIPPER WHEEL** to locate correct day-of-week opposite **DAY ARROW--"YESTERDAY"** if **ON/CUTOUT TRIPPER** has not yet advanced wheel "TODAY" if it has.

## 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.  
**CAUTION: TO AVOID SLOW SWITCH ACTION FAILURE, DO NOT OPERATE SWITCH MANUALLY NOR PLACE A TRIPPER 4 HOURS PRIOR TO ON/CUTOUT TRIPPER SWITCHING.**
- IN CASE OF POWER FAILURE, reset **CLOCK-DIAL** to proper time-of-day. See programming instructions.

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