

# Model T1975R

## PROGRAM TIME SWITCH WITH "SKIPPER"® IN RAINPROOF ENCLOSURE

FOR UP TO 48 TIMING OPERATIONS

ON 24 HOUR SCHEDULE

SINGLE POLE DOUBLE THROW

SWITCH RATING: 20 A, 125-480 VAC, 1/2 HP; 125 VAC, 1 HP, 250 V



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

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

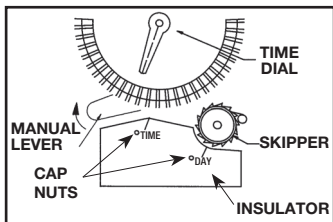
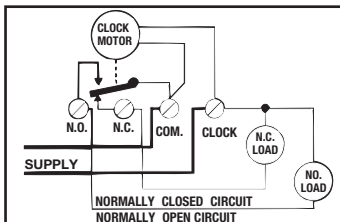


FIG. 1



WIRING DIAGRAM

### WIRING INSTRUCTIONS

This Time Switch can be wired to control two circuits as Single Pole Double throw, or to control one circuit as Single Pole Single Throw. Either normally open (NO) or normally closed (NC). To wire switch see wiring diagram above.

### PROGRAMMING INSTRUCTIONS

- TO PROGRAM TIME SWITCH,** Depress tripper(s) into dial at desired time(s) operation(s) is/are required.
  - **ON TIME:** First tripper turns on the load for 16-20 minutes. Each additional tripper will lengthen the on time by 15 minutes. If skipping of selected days is desired, the skipper tripper (silver color) should be used to initiate the first operation of the daily program, provided that there is at least 3 hours between the last operation of the previous day and the first operation of the present day.
  - **OFF TIME:** First tripper in raised position turns off the load for 10-14 minutes. Each additional space will lengthen the off time by 15 minutes.
- SET TIME-OF-DAY:** Turn dial in clockwise direction only and align the exact time-of-day (the time now when switch is being put into operation) to the
- "TIME" arrow on insulator.**
  - **CHECK SKIPPER WHEEL** If switch is to function seven days a week, pull all pins, in skipper wheel up to "OUT" position. Otherwise depress pin(s) in skipper wheel for day(s) automatic operation is not required.
  - If, after the dial is set to the correct time of day, and the skipper tripper (silver color) has not yet passed the skipper wheel, turn wheel counter clockwise so that the previous day is opposite the "DAY" arrow.
  - If the skipper tripper has already passed the skipper wheel, set the correct day opposite the "DAY" arrow.

### OPERATING INSTRUCTIONS

**TO CONTROL LOADS MANUALLY,** Move manual lever (See Figure 1) up. This lever will close normally open circuit and open the normally closed circuit. To return, to automatic control, move lever back to its original position.

**IN CASE OF POWER FAILURE,** reset dial. See step (2) of programming instructions.

**TO REMOVE MECHANISM FROM CASE,** Disconnect electricity and all wiring. Depress retainer spring at upper left, then grasp dial and pull mechanism out.

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