

# MODEL: T1975EHD



## PROGRAM TIME SWITCH WITH "SKIPPER™" FOR UP TO 48 TIMING OPERATIONS

ON 24 HOUR SCHEDULE - SINGLE POLE DOUBLE THROW  
SWITCH RATING: 20 AMP. 125-480 VOLTS A.C. 1/2 HP-125V 1 HP-250V.  
CLOCK MOTOR: 480 VOLTS - 60 HZ.



### WARNING

*Risk of Fire or Electrical Shock*

Turn power off at main panel before servicing this switch or the equipment it controls.

Use min. 75°C copper conductors only. Reinstall insulator after wiring.

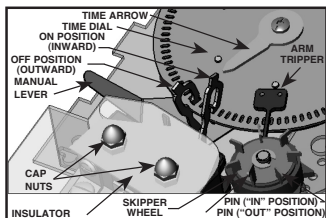
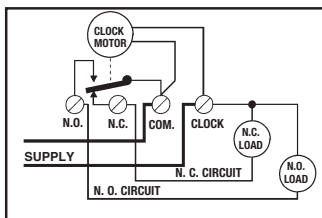


FIG. 1



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.

- TO PROGRAM TIME SWITCH**, Pivot tripper(s) as shown in Fig. 1 to an inward position or outward position to set desired time(s) of operation(s).
  - ON TIME:** First tripper (pivoted in an inward position) turns ON the load for 16-20 minutes. Each additional tripper will lengthen the on time by 15 minutes.
  - OFF TIME:** First tripper (pivoted in an outward position) turns OFF the load for 10-14 minutes. Each additional tripper will lengthen the OFF time by 15 minutes.
  - FOR NC Circuit OPERATION:** The tripper pivot position is reversed.
- SET TIME-OF-DAY:** Turn dial in clockwise direction and align the exact time-of-day (the current time) to time arrow on the dial.
- 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 arm tripper has not yet passed the skipper wheel, turn wheel counter clockwise so that the previous day is opposite the "DAY-of-WEEK" arrow on insulator (not shown in diagram).
  - If the arm tripper has already passed the skipper wheel set the correct day opposite the "DAY-of-WEEK" arrow on insulator (not shown in diagram).

### 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.

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