

MODEL: T105

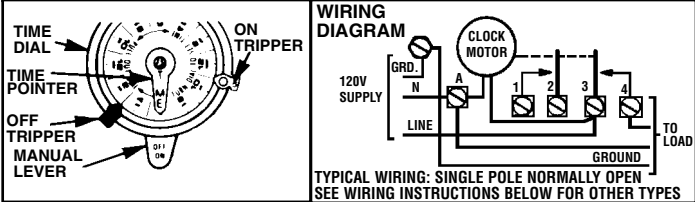
24 HOUR DIAL TIME SWITCH



ONE NORMALLY OPEN - ONE NORMALLY CLOSED CONTACTS
 MAY BE WIRED AS SINGLE POLE DOUBLE THROW
 40 AMP. RESISTIVE, INDUCTIVE, TUNGSTEN OR
 1000 VA. PILOT DUTY PER POLE - 120/208/240VOLT 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 ART NO. (WG--) ON MOTOR COVER.

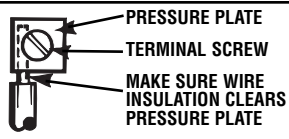


TYPICAL WIRING: SINGLE POLE NORMALLY OPEN
 SEE WIRING INSTRUCTIONS BELOW FOR OTHER TYPES

WIRING INSTRUCTIONS: To wire switch follow diagram above. To wire as **SINGLE POLE NORMALLY CLOSED**, move clock motor lead from terminal 3 to 1, and connect **LINE** to 1, **LOAD** to 2. To wire as **SINGLE POLE DOUBLE THROW**, install jumper (the same gauge as **Line** wire) between 2 and 3 and connect **LINE** to 2, **LOADS** to 1 and 4. **NEUTRAL** connection always as shown. Use **COPPER** wire only. For gauge selection and wire connection, see details below. Use 3/16 or larger screwdriver, tighten terminal screws firmly (25lb-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. 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 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

158TS11760