USER INSTRUCTIONS

OPERATING INSTRUCTIONS

The 24-hour dial is marked in divisions of 15 minutes and fitted with 2 ON and 2 OFF levers. The ON levers numbered 1 and 3 are red and the OFF levers, numbered 2 and 4 are black. The numbers correspond to those around the ADVANCE control knob. To set the time levers, depress each in turn and slide either clockwise or anti-clockwise to the appropriate time. After setting the levers, rotate the dial 1 complete turn and continue turning until the time of day is in line with the time index.

PROGRAMME SELECTOR KNOB

When the pointer is turned to:-

TWICE - all time levers are effective giving 2 ON and 2 OFF operations per day (unless the ADVANCE knob is used).

24-HR - time levers non-effective (i.e. continuously ON).

ONCE - time levers 1 and 4 effective only (1 ON and 1 OFF operation per day).

OFF - time levers non-effective (i.e. continuously OFF).

ADVANCE KNOB

The ADVANCE knob indicates the number of the last time lever to have passed the TIME index. To advance any operation:
Turn the ADVANCE knob until it indicates the number of the time lever whose operation you wish to anticipate.

EXAMPLE 1: When lever 1 (ON) has passed the time index, the ADVANCE knob will indicate 1. Turning the knob to indicate 4, the switch will immediately anticipate the action of lever 4 (OFF) and the circuit will be OFF and remain OFF until lever 1 passes the time index.

EXAMPLE 2: When lever 3 (ON) has passed the time index the ADVANCE will indicate 3. Turning the knob to indicate 4, the switch will immediately anticipate the action of lever 4 (OFF) and the circuit will be OFF and remain OFF until lever 1 passes the time index again.

INSTALLATION INSTRUCTIONS

- 1. Loosen the 2 locating screws (Fig 1).
- 2. Pull the terminal plate from the rear of the timeswitch.
- 3. Secure the plate firmly in position to a conduit box or any flat vertical surface free from condensation. For conduit box fixing, pass the cable through the centre of the terminal plate. When mounted other than on a conduit box, a cable KNOCKOUT is provided on the underside of the case, finger pressure being sufficient to push this out to facilitate cable entry.
- 4. Strip back insulation by 8mm (5/16 ins.) from ends of wires, so that satisfactory connection with the terminals may be made.
- 5. When all electrical connections are made, plug the timeswitch into the terminal plate ensuring that external wiring is not trapped under the motor.
- 6. Tighten the 2 locating screws.

WARNING: THIS PROGRAMMER MUST BE EARTHED. TERMINALS ARE FOR FIXED WIRING ONLY

ELECTRICAL CONNECTIONS: It is essential that this timeswitch be installed only by a qualified electrician and all electrical connections must conform to the latest Institution of Electrical Engineers' Regulations for Electrical Equipment of Buildings, local gas board regulations and council requirements. Ensure that the supply corresponds to that on the wiring diagram in the rear of the timeswitch. This switch must be earthed. Electrical circuits must be suitably fused.

Voltage Rating: 220/250 V Frequency 50 Hz Contact Rating: 10A Resistive, 2.5A Inductive

Exposure of Live Parts: Enclosed Moisture Protection: Ordinary

Dirt Protection: Normal Situations

Shock Protection: Class 1
Ambient Temperature Range: 0 C to 55 C

Fig 1.



