

Operating Instructions

EMT446 Plug-In Mechanical Outdoor Timer

1. Setting the On/Off periods

Daily plug-in outdoor Timer:

This timer can be used to set up to 48 On/Off periods a day.

Using your finger, a pen or screw driver pull up all the segments that correspond to the required "Off" period. For the required "On" period make sure the segments are pushed down.

Each segment represents 30 minutes: 2 segments=1 hour

2. Setting the time:

Turn the dial clockwise (as per indicating arrows) until the arrow-located at the top right of the center dial, is pointing to the correct time.

3. Connection

Once the required On/Off periods and time have been set, plug the Timer into the wall socket, and then the appliance plug into the Timer. Ensure that you then turn the wall socket and the appliance on.

The Timer will now start to operate and switch on and off according to where the segments are in the up and down position.

4. Specification

Power Supply: AC230V, 50Hz

Capacity: 16A resistive load

Protection Class: IP 44

5. Precautions

Note: Use only **outdoor rubber plug**. Timer should be mounted vertically with segment up and plug down, so as to achieve the protection class: IP44. Protection class of the plug is IP44(the plug which is put in timer.)

Do not plug in any appliance which exceeds the capacity of the Timer. Always ensure that the plug of any appliance is fully inserted into the Timer.

If you need to clean the Timer, remove from the mains and wipe with a dry cloth. Do not immerse in water or any liquid.

Fan heaters and heaters with exposed elements should not be left unattended, and it is recommended that these types of appliances are not connected to timers.

7. Accuracy of Timer

Daily plug-in outdoor Timer: ± 10 Min

8. Safety Information:

The Plug-in Time switch is intended for continuous use in outdoor to control the ordinary household for switching on and off loads of both resistive and inductive kind.

The Plug-in Time switch is of the synchronous motor driven type that will operate at the speed determined by the frequency of the power supply voltage. By interruption of the power supply the timer will stop and at recovery of the supply the timer will continue at the point where it stopped.

If you observe any signs of damage to the device, please do not use the device as it may not be safe.

The switching mechanism is non-electronic. The switch is rated 16 Amperes resistive at minimum power factor 0.95, corresponding to maximum 3680 Watt at 230V, pf1.0 and 2 Amperes inductive at minimum power factor 0.6. For safety reason do not connect larger loads to the device. The switch provides a micro disconnection in one phase.

The time switch may be plugged into a 10 or 16 Amperes outlet. The plug and socket is provided with grounding connector. The socket in the time switch is provided with safety shutters, when a plug is inserted the shutters open.