

24 Hour Compact Segment Immersion Heater Timeswitch Cat No CTS960

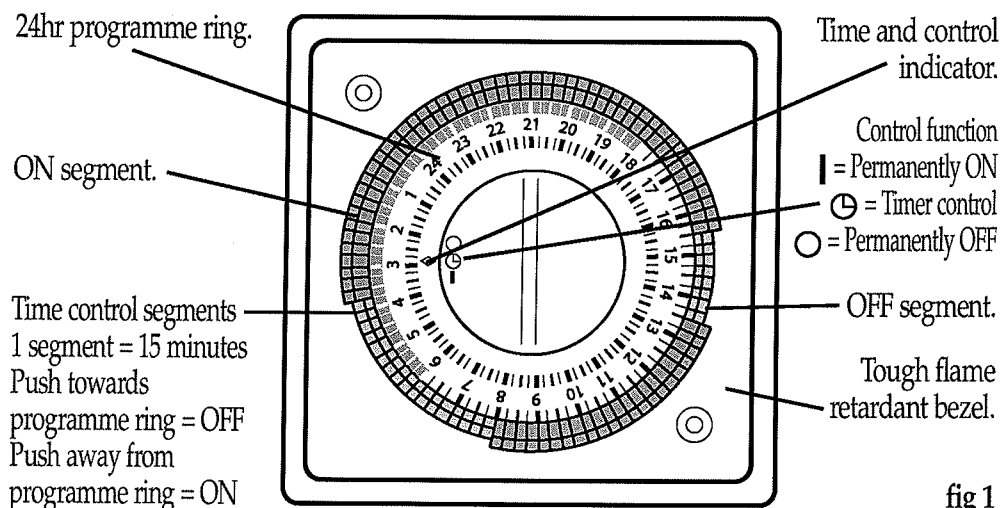


fig 1

1. General

The CTS960 is a compact and easy to use segment immersion heater timeswitch which fits on a single gang wall box. It is primarily intended for control of domestic immersion heaters up to 13A (3kW).

It has a valuable permanent OFF facility which enables the heater under control to be turned OFF when alternative methods of heating are available or during holiday periods.

2. Features

- Permanent ON/OFF facility.
- Shortest switching time of 15 minutes increasing in 15 minute steps.
- Up to 48 programmes per day.

3. Installation

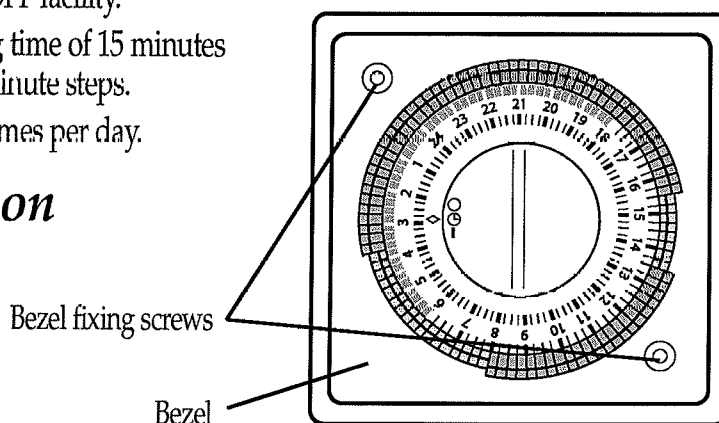


fig 2

Remove bezel fixing screws and remove bezel from timer module and back plate (see figs 2 and 3). Separate the timer module from the back plate and remove the wall fixing screws.

Ensuring that the free terminals on the back plate terminal block are at the top (see fig 3). Connect the installation wiring to the terminal block according to the legend on fig 3 and fit the wall box fixing screws through the back plate into the wall box threaded holes. Tighten until back plate is located firmly against the wall or to the surface box if fitted.

Fit the timer module to the back plate ensuring the time marker is on the left hand side (see fig 2) and the four locating holes on the timer module seat correctly on the back plate locating pegs. Fit the bezel and bezel fixing screws and tighten adequately. The earth wires should be connected to the wall box earthing terminal (if using a surface box ensure that it has an earthing terminal or use a single way connector block).

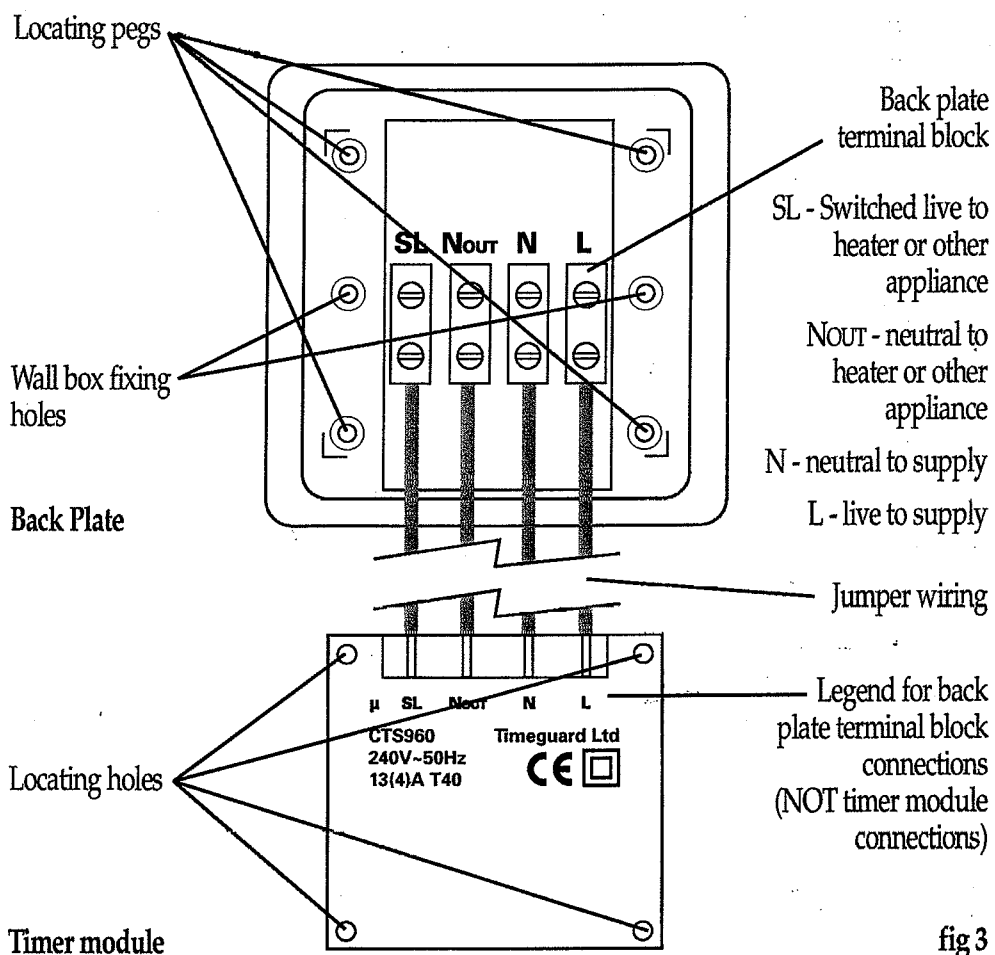


fig 3

Programming the CTS960

- 1 Decide what times you would like the CTS960 to switch ON and OFF.
- 2 Push all the segments in towards the centre of the timeswitch for the complete duration of an OFF period and leave them all in the outer position for an ON period (see fig 1). The minimum switching interval is 15 minutes and this can be increased in 15 minute steps.
- 3 Bring the CTS960 into the correct condition by manually turning the programme ring clockwise through a 24 hour cycle. Note: when an ON/OFF or OFF/ON segment transition passes the time indicator a slightly increased resistance to movement is felt.
- 4 Turn the programme ring clockwise until the correct time of day on the ring lines up with the time indicator.

Points to note:

- The segment dial can be turned when the time controller is operating.
- In case of power failure, re-adjust the time controller to the correct time of day, turning the dial in a clockwise direction.

Permanent Override

By rotating the central switch clockwise so that the **|** symbol lines up with the time marker the unit will be permanently ON.

With the **⊕** symbol lining up with the time marker the unit acts as a timeswitch.

With the **○** symbol lining up with the time marker the unit will be permanently OFF.

Specifications

Operating Temperature: 0°C to 40°C

Operating Voltage: 230V 50Hz

Switch Rating: 13A resistive (3kW), 4A inductive, 400W filament lamps

Minimum Depth of Wall Box: 32mm

Conforms to Directives: 73/23/EEC & 89/336/EEC

Not suitable for low energy, fluorescent or discharge lamps.

3 Year Guarantee

In the unlikely event of this product becoming faulty due to defective material or manufacture, within 3 years of the date of purchase, please return it to your supplier with proof of purchase and it will be replaced free of charge. **Should you encounter any difficulty please contact our helpline on 020 8450 0515.**