

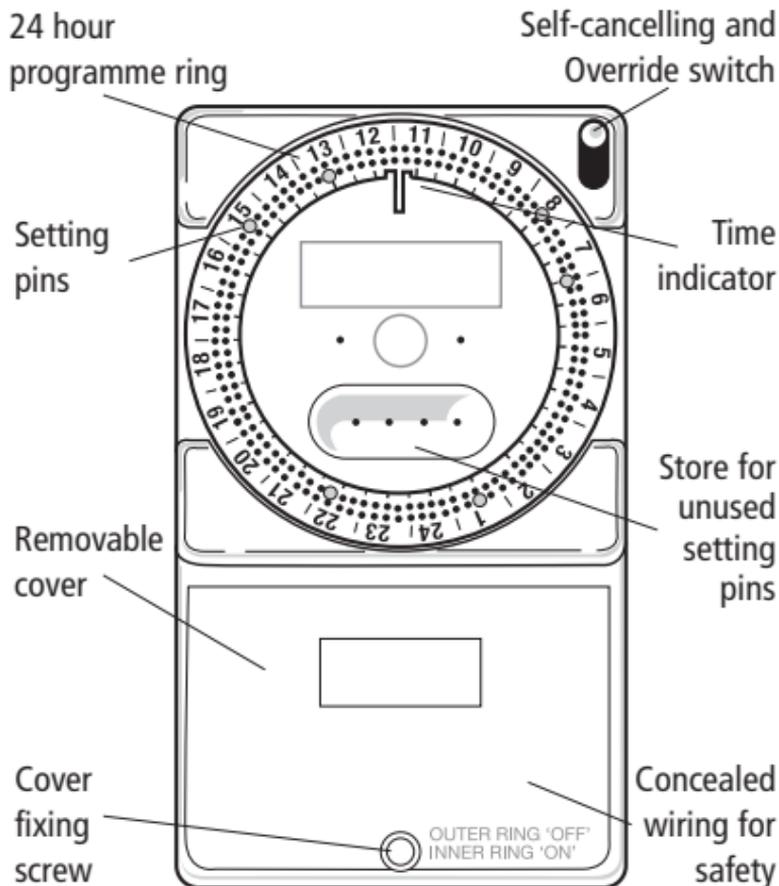
24 HOUR IMMERSION HEATER TIME CONTROLLER

Cat. No TS900B



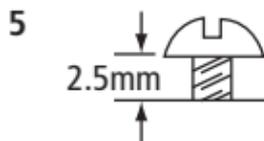
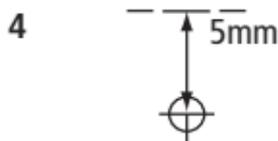
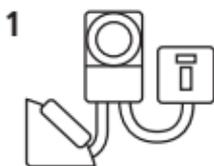
OPERATING INSTRUCTIONS

TS900B 24 Hour Immersion Heater Time Controller



FITTING INSTRUCTIONS

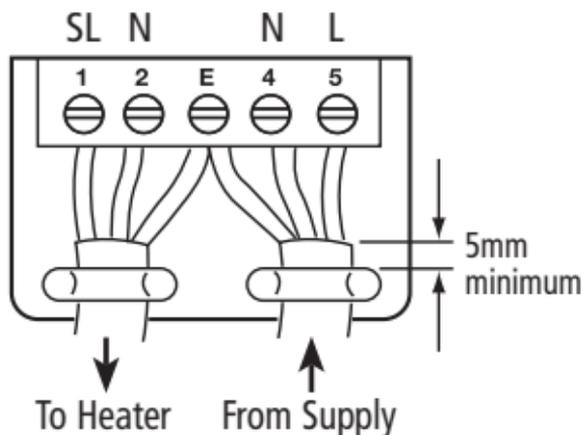
1. Choose any suitable flat surface between switched supply and immersion heater to fit the TS900.
2. Remove cover by undoing screw on lower front cover.
3. Place timeswitch in required position (it must be mounted vertically with the time indicator at the top) and mark wall at the centre of the top side.
4. Measure down from this mark 5mm/0.2" and make a second mark. At this second mark drill a hole and plug, if necessary, to take a No 6 woodscrew.
5. Screw in woodscrew until head is 2.5mm proud (see diagram).
6. Place 'Keyhole' in back of timeswitch over screw head and slide downwards. Now mark wall through large recessed hole near bottom of unit. Remove Timeswitch, at this third mark drill and plug as before.
7. Replace Timeswitch over screw head. Fit second woodscrew into recessed hole and tighten into wall.
8. You are now ready to wire up.



Please refer diagrams 1-5 to sections 1-5 in above instructions.

WIRING INSTRUCTIONS

1. SWITCH OFF AT MAINS.
2. Cut cable to suit Timeswitch position and bare ends of cable, connecting to Timeswitch as shown below.
3. From immersion heater fit live connection (brown) into terminal 1. From immersion heater fit neutral connection (blue) into terminal 2. From both cables fit both earth connections (green yellow) into terminal E. From switch/supply fit neutral connection (blue) into terminal 4. From switch / supply fit live connection (brown) into terminal 5. Ensure all screws are tightened.
4. Fit two cable clamps using 4 self-tapping screws and tighten to grip outer insulation of both cables.
5. Replace cover, tighten screw.
6. Switch on mains and programme Timeswitch to your own requirements.



OPERATING INSTRUCTIONS.

1. Remove the setting pins and insert them at the times you wish the switch to operate. ON = Inner Circle OFF = Outer Circle. The shortest period is half-an-hour. Unused setting pins are stored in the front of the unit.
2. Turn the programme ring clockwise, one complete turn, to check the programme. Set the programme ring to the correct time of day at the time indicator.
3. It is possible to manually override the programmed time by operating the override switch in the right hand corner.
1 = ON. 0 = OFF.

Notes: a. The override switch cannot be used within 15 minutes either side of a switching time.
b. Remember to reset the time following power failure.

This product must not be used on a load greater than 3kW resistive.

Warning: Continuity of earthing must be maintained. If you have any doubt about your ability to install this Timeswitch correctly consult a competent electrician. The IEE Wiring Regulations require that a means for disconnection from the supply having a contact separation of at least 3mm in all poles must be incorporated in the fixed wiring. Your consumer unit normally complies. All conductors should be 1.5mm² min.

Specifications

Operating Temp:	0°C to 50°C
Operating Voltage:	230V AC 50Hz
Switch Rating:	13 amp resistive (3kW) 5 amp inductive 400W filament lighting 100W of any type of Low Energy or Fluorescent Lighting
Conforms to Directives:	73/23/EEC & 89/336/EEC

Not suitable for discharge lighting (eg SON & Metal Halide).

3 Year Guarantee

In the unlikely event of the product becoming faulty due to defective material or manufacture within 3 years of the date of purchase, please return it to your supplier in the first year with proof of purchase and it will be replaced free of charge. For the second and third years or any difficulty in the first year telephone the helpline on **020 8450 0515**

HELPLINE

020-8450-0515

or email helpline@timeguard.com



For a product brochure please contact:

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