TIMEGUARD NTT01 24 Hour Mechanical Time Switch Instruction Manual

**NTT01 24 Hour Mechanical Time Switch
Instruction Manual**

Installation & Operating Instructions

Contents

General Information

These instructions should be read carefully and retained for further reference and maintenance.

Safety

- Before installation or maintenance, ensure the mains supply to the time switch is switched off and the circuit supply fuses are removed or the circuit breaker turned off.
- It is recommended that a qualified electrician is consulted or used for the installation of this time switch and install in accordance with the current IEE wiring and Building Regulations.
- Check that the total load on the circuit including when this time switch is fitted does not exceed the rating of the circuit cable, fuse or circuit breaker.
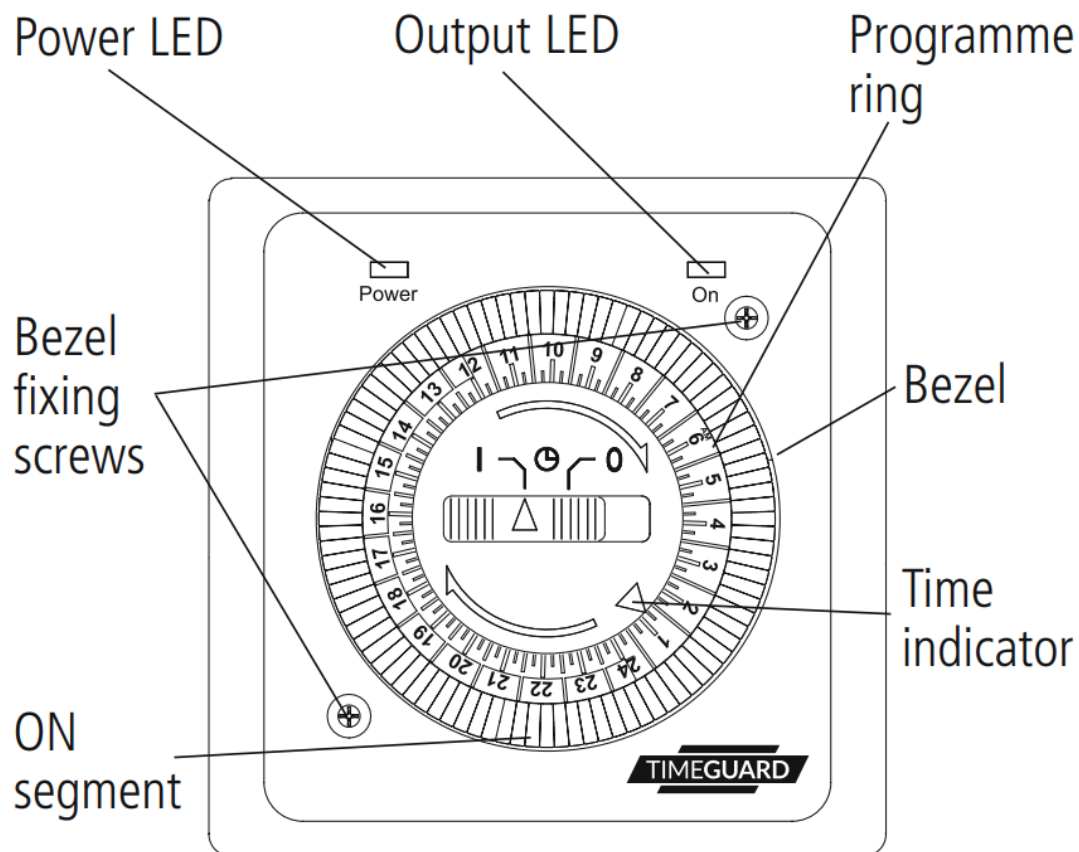
Technical Specifications

• 230V AC 50 Hz

• Switch Rating:	16A Resistive (3.68kW) Immersion Heaters
• Switch Type:	Micro Switch
• Contact Type:	Normally Open
• Minimum Depth of Wall Box:	32mm
• Manual Override:	Permanent ON or OFF
• Power Status LED Indicator:	Red
• Output LED Indicator: Green	Green
• 24 Hour Time period:	Up to 48 programmes per day
• Operating Temperature:	0°C to +40°C
• CE Certified EC Directives:	Conforms to latest directives

Not suitable for use with discharge lighting.
The LED switching capabilities of this product can be increased to 200W by the addition of the Timeguard ZV900 Automatic switch load controller – sold separately.

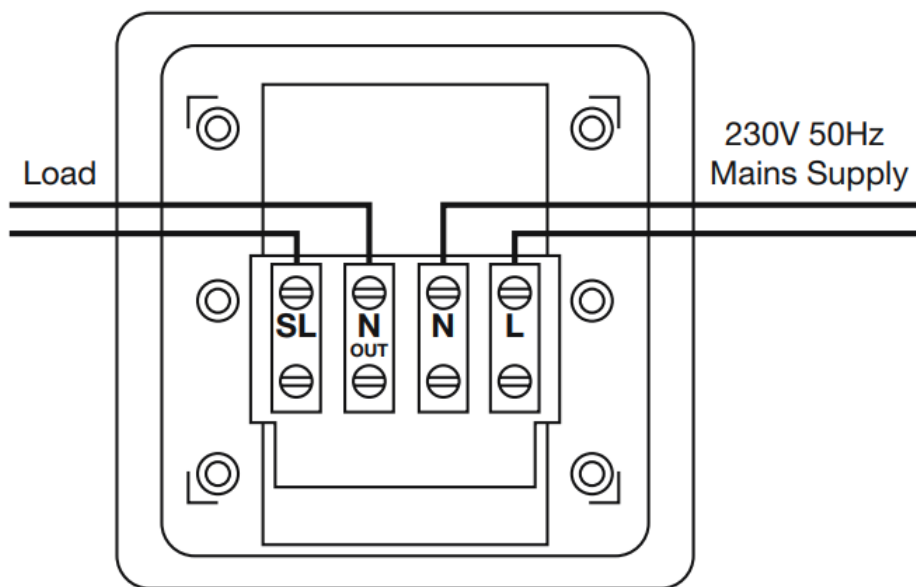| Time control segments: 1 segment = 15 minutes, push segment down for ON, pull up for OFF.	Control switch: 1 = permanently ON, Timer symbol = timed control, 0 = permanently OFF.

Installation

- Ensure the mains supply is switched off and the circuit supply fuses are removed or the circuit breaker turned off.
- Remove the two bezel fixing screws, and remove bezel from timer module and wall plate.
- Ease the module forward without disconnecting, so you have access to the wall plate and loosen the screws on the terminal block for both supply and load cables.
- Ensuring that the free terminals on the wall plate are at the top, terminate the 230V 50Hz supply and load cables to the terminal block ensuring correct polarity is observed and that all bare conductors are sleeved. Please note the connections are marked on the rear side of the wall plate (see section 5. Connection Diagram).
- Fit the wall mounting screws through the wall plate and into the wall box threaded holes, and tighten until the wall plate is firmly fastened.
- Re-position the module back into place ensuring the time indicator is on the bottom right hand side, and the locating holes on the timer are set correctly on the pegs on the back plate.
- Re-fit the bezel over the timer module, and secure to the wall plate with the two fixing screws previously removed.

Connection Diagram

- The terminals are marked as follows on the rear of the wall plate;

230V 50Hz Mains Supply

Live (Brown or Red) to	L
Neutral (Blue or Black) to	N

Load

Switch Live (Brown or Red) to	SL
Neutral (Blue or Black) to	N OUT

6. Operation

- Decide what times you would like the time switch to switch ON and OFF.
- Push the segments down for the duration of an ON period.
- Pull the segments up for the duration of an OFF period.
- The minimum switching interval is 15 minutes, and this can be increased in 15 minute steps.
- Set the correct time of day by rotating the dial clockwise until the correct time is indicated by the triangular pointer.

Points to note;

- As the dial is rotated there will be an increased resistance to turning as ON/OFF periods are passed.
- The segment dial can be turned whilst the time controller is operating.
- In the case of a power failure, re-adjust the time controller to the correct time of day by turning the dial in a clockwise direction until the correct time is indicated by the pointer.

Permanent Override

- The main slider on the timer can be set to permanent ON by sliding it to the left.

This will align the arrow head to the 1 symbol, and the green flag will now be fully visible on the right.

- For normal automatic mode, the main slider can be set to the middle position with the arrow head pointing at the timer symbol.
- The main slider on the timer can be set to permanent OFF by sliding it to the right. This will align the arrow head to the 0 symbol, and the red flag will now be fully visible on the left.

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 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.
Note: A proof of purchase is required in all cases.
For all eligible replacements (where agreed by Timeguard) the customer is responsible for all shipping/postage charges outside of the UK.
All shipping costs are to be paid in advance before a replacement is sent out.

If you experience problems, do not immediately return the unit to the store. Telephone the Timeguard Customer Helpline;
HELPLINE 020 8450 0515
or email **helpline@timeguard.com**
Qualified Customer Support Co-ordinators will be on-line to assist in resolving your query.

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For a product brochure please contact:
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Sales Office: 020 8452 1112
or email csc@timeguard.com
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Documents / Resources

TIMEGUARD NTT01 24 Hour Mechanical Time Switch [pdf] Instruction Manual
NTT01 24 Hour Mechanical Time Switch, NTT01, NTT01 Time Switch, 24 Hour Mechanical Time Switch, Mechanical Time Switch, 24 Hour Time Switch, Time Switch, NTT01 Switch, Switch

References

- TG **timeguard.com**