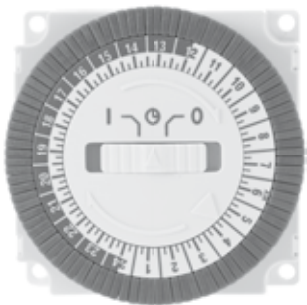


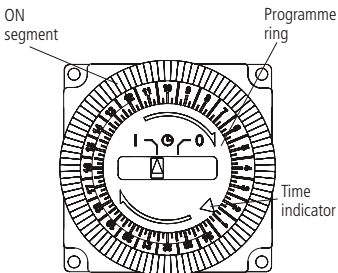
# 24 Hour Mechanical Time Switch

Model: NTM01  
Analogue Timer Module



Installation & Operating Instructions

# NTM01 – Analogue Timer Module



1

## 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.

## 1. General:

This time switch is a compact and easy to use segment timer module. It can control outputs of up to 16A which makes it suitable for domestic immersion heaters.

## 2. Features:

Permanent ON/OFF facility. This enables the heater under control to be turned OFF when alternative methods of heating are available, or during a holiday period. It also enables the heater to be permanently turned ON.

Shortest switching time of 15 minutes increasing in 15 minute steps.

Up to 48 programmes per day.

## 3. Installation:

**We recommend that this unit be fitted by a qualified electrician. Install in accordance to wiring and current building regulations. Please read the instructions carefully. If in any doubt contact the Timeguard Helpline.**

**Important: Switch off mains electricity before commencing work.**

Connect the installation wiring to the module, according to the legend printed on the back of the module, or according to the listing below.

**L** Live supply.

**N** Neutral supply.

**1↑** COM.

**2↓** Normally open.

**3↓** Normally closed.

## 4. Programming the time switch:

- a) Decide what times you would like the time switch to switch ON and OFF.
- b) Push the required segments down for the duration of an ON period, and pull them up for the duration of an OFF period. The minimum switching interval is 15 minutes, and this can be increased in 15 minute steps.
- c) Set the correct time, by rotating the dial clockwise until the correct time is indicated by the triangular pointer. Note that as the dial is rotated there will be an increased resistance to turning as ON/OFF periods are passed.

### **Points to note:**

The segment dial can be turned whilst the time controller is operating.

In case of 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.

## 5. Permanent Override:

The main slider on the timer can be set to permanent on by sliding it to the left, aligning the arrow head to the 1 symbol.

In the middle position, with the arrow head pointing at the timer symbol, the timer is in automatic mode.

If the slider is moved to the right, and the arrow head points at the 0 symbol, the timer is permanently OFF.

## 6. Specifications:

Operating temperature: 0°C to 40°C

Operating voltage: 230V 50Hz

Switch rating: 16A resistive,  
8A inductive,  
1 HP, 750W incandescent,  
750W halogen,  
750W fluorescent,  
100W compact fluorescent.

Switch type: 22A micro switch

Voltage free contact: Yes

Contact type: Single pole change over

Time period: 24 hours

### **Note:**

**Product not suitable for discharge lighting.**

## 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 years 2 and 3 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 the UK. All shipping costs are to be paid in advance before a replacement is sent.

For assistance with the product please contact:

HELPLINE

**020 8450 0515**

or email [helpline@timeguard.com](mailto:helpline@timeguard.com)



For a product brochure please contact:

**Timeguard Limited.**

Victory Park, 400 Edgware Road,  
London NW2 6ND

Sales Office: 020 8452 1112  
or email [csc@timeguard.com](mailto:csc@timeguard.com)

A **theben** Group Company

67.058.477 (issue 2).