TRTS / TRTSB / TRTSL

7 Day Programmable Timer

Installation & User Guide

Thermogroup
That little bit extra...

thermorail
ELECTRIC TOWEL HEATERS

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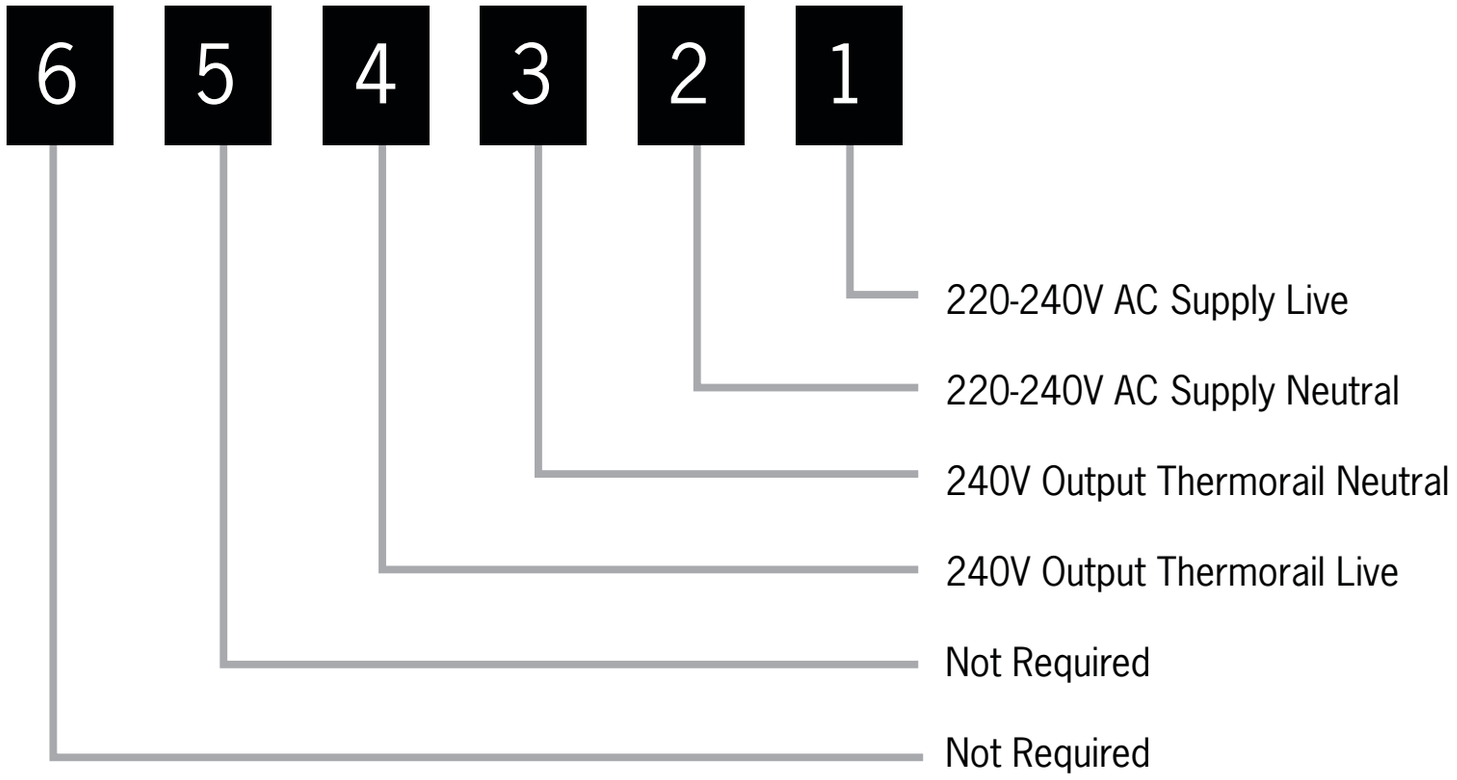
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Installing the timer

Carefully remove the back of the timer by placing a flat head screwdriver into the slots on the bottom of the unit and push to release.

Unplug the cable connector from the back of the timer screen.

Connect the Thermorail towel rail to the timer as seen in the below wiring diagram.



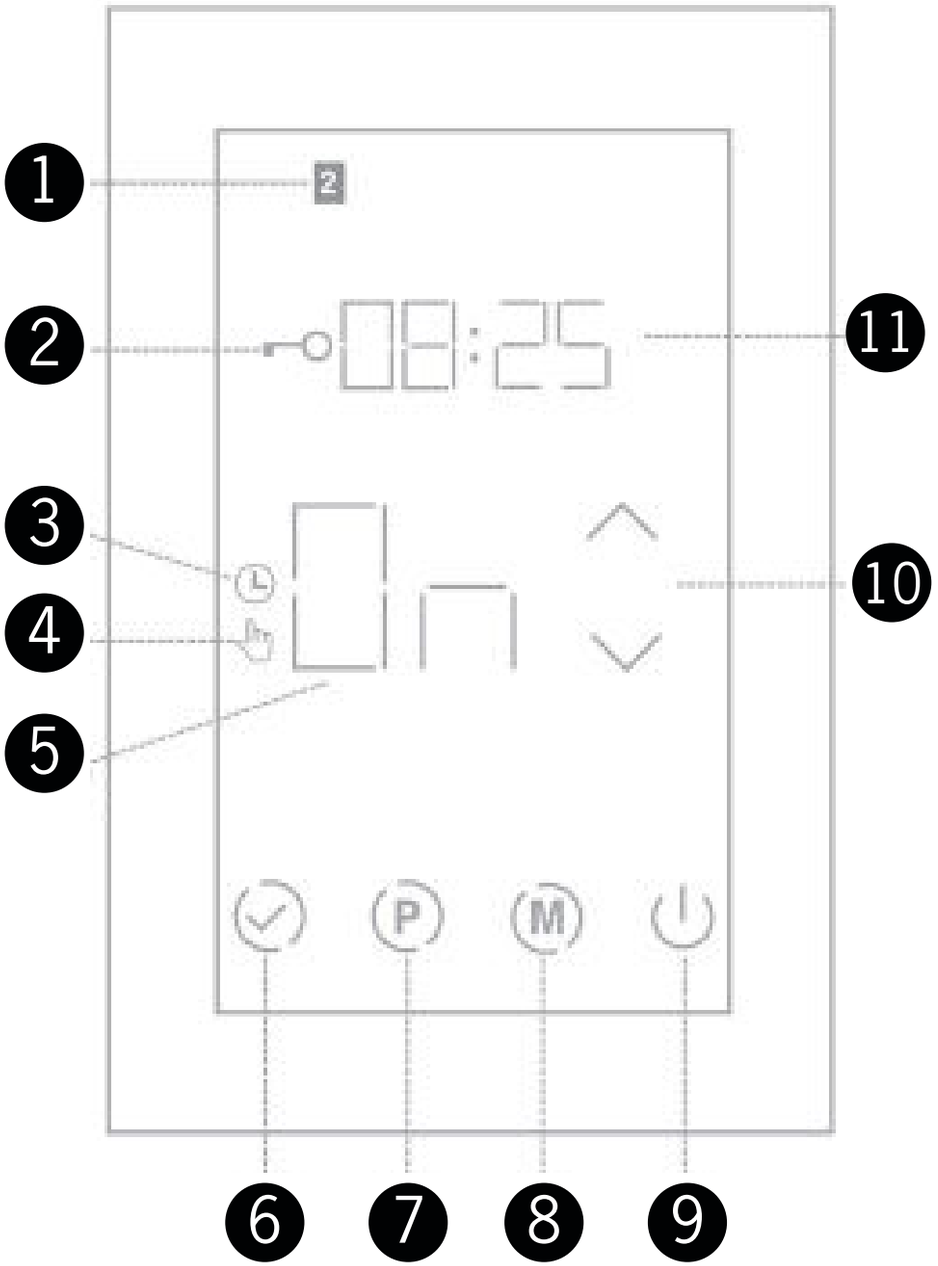
Installing the timer

Please note the timer is a 240Volt unit, so both the input and output voltage is 240Volt and it DOES NOT have a transformer incorporated in the unit. For a low voltage towel rail, the towel rail needs to be wired directly to a suitably rated transformer. A lead from the 240Volt side of the transformer is then wired into terminals 3 & 4 of the timer, so the transformer is positioned between the towel rail and the timer.

Screw the back plate of the timer to the electrical plate.

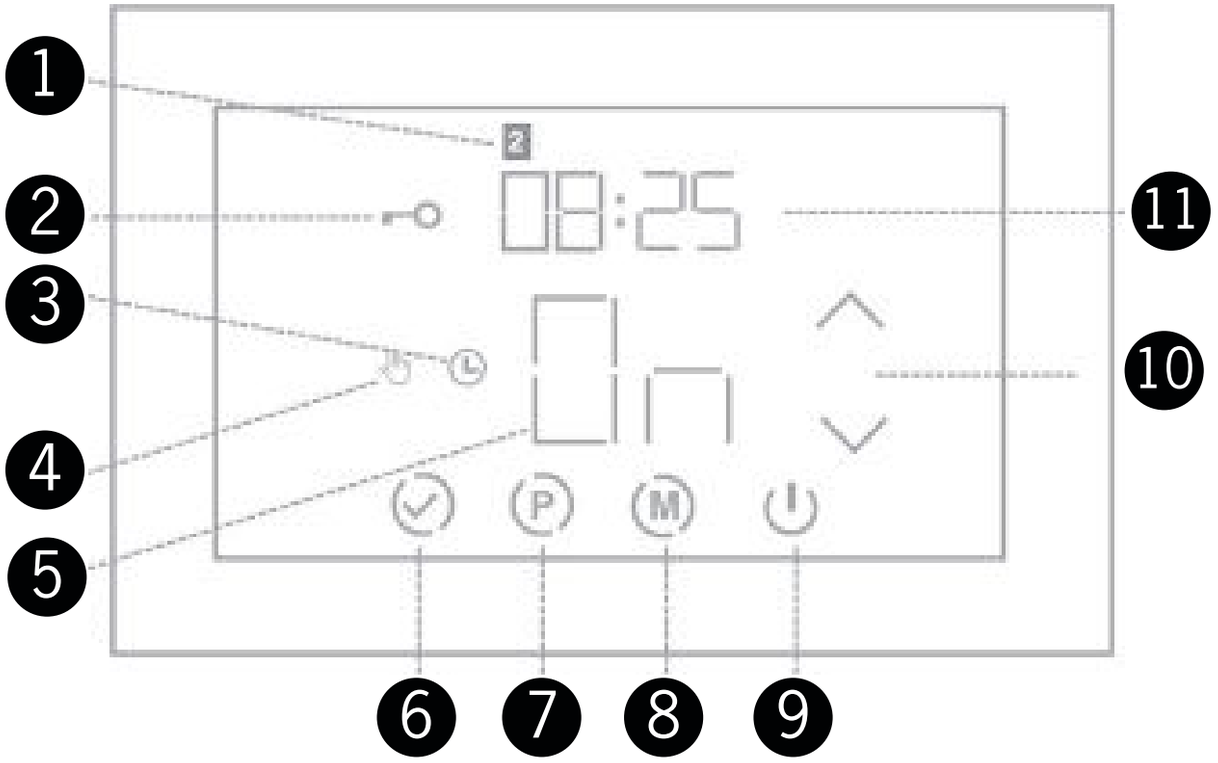
Plug the cable connector into the back of the timer screen and connect the screen to the back of the timer.

User Interface: Portrait



1. Day indicator
2. Key lock icon
3. Schedule mode icon
4. Manual mode icon
5. ON/OFF indicator
6. Confirm settings
7. Program button
8. Mode button
9. Power button
10. Up & down arrows
11. Time

User Interface: Landscape



1. Day indicator
2. Key lock icon
3. Schedule mode icon
4. Manual mode icon
5. ON/OFF indicator
6. Confirm settings
7. Program button
8. Mode button
9. Power button
10. Up & down arrows
11. Time

Setting the date and time

Press ✓ and the time will begin to flash

Use ∧ ∨ to select the correct time

Press ✓ until the day begins to flash (Note: Monday is Day 1)

Use ∧ ∨ to select the correct day

Press ✓ to save the settings

Heating Modes

When the timer is on, press the Ⓜ to switch between manual and schedule modes.

Manual Mode

In manual mode press the ∧ ∨ to set the ON/OFF status.

Schedule Mode

In the schedule mode the timer will follow the heating schedule that is set. Refer to page 10 for programming instructions.

Advanced Settings

To access the advanced settings, turn the timer off by pressing ⏻

Press Ⓜ to display setting 01

Use the ∧ ∨ to adjust the settings

Press Ⓜ to cycle between setting 01 to 03

Press ✓ to save the settings

Menu	Description	Range	Default
01	Clock Format	12 or 24	24
02	5+2 or 7 Day Programming	01=5+2 Day Program 02=7 Day Program	01=5+2 Day Program
03	Screen Saver	ON = Activated OF = Not Activated	OF=Not Activated

Set up your heating schedule (For 5+2 Day Program)

Turn the timer on by pressing ⏻

To set up the heating schedule for Monday to Friday press Ⓟ

The time for P1 will flash. This is the first ON period for the day.

Use the ∧ ∨ to adjust the time to when the heated towel rail will turn on in the morning.

Press Ⓟ and the ON / OF will flash.

Using ∧ ∨ the select ON for P1.

Press Ⓟ to set period 2, which is when the rail will turn off.
Use the ∧ ∨ to adjust the time.

Set up your heating schedule (For 5+2 Day Program)

Press Ⓟ and the ON / OF will flash.

Using the ∧ ∨ select OF for P2.

Repeat above steps for P3 and P4 and then press ✓
(Note: P3 is turning the heated towel rail on in the evening and P4 is turning it off in the evening)

If the heated towel rail is only required to be on once a day set to OF for both P3 and P4 and ensure that the time set for P3 and P4 is after the time set for P2.

When Monday-Friday has been set, press ✓ to go onto the Saturday and Sunday schedule.

Set up your heating schedule (For 5+2 Day Program)

The time for P1 will flash. This is the first ON period for Saturday and Sunday.

Use the ∧ ∨ to adjust the time to when the heated towel rail will turn on in the morning.

Press Ⓟ and the ON / OF will flash.

Using the ∧ ∨ select ON for P1.

Press Ⓟ to set period 2, which is when the rail will turn off. Use the ∧ ∨ to adjust the time.

Press Ⓟ and the ON / OF will flash.

Using the ∧ ∨ select OF for P2.

Repeat above steps for P3 and P4.

Set up your heating schedule (For 7 Day Program)

Turn the timer on by pressing ⏻

Change the menu option 02 to setting 02 (7 Day Program) as per instructions on page 9.

The 7 day program option means that all 7 days can be programmed to the same schedule or all 7 days can be programmed individually.

Press Ⓟ until the day display flashes.

If programming all 7 days individually use the ∧ ∨ to select the day to program first.

If programming all 7 days to the same schedule, press and hold the ∨ button for about 5 seconds to select all 7 days.

Set up your heating schedule (For 7 Day Program)

To set up the heating schedule press Ⓟ

The time for P1 will flash. This is the first ON period for the day.

Use the ∧ ∨ to adjust the time the heated towel rail will turn on in the morning.

Press Ⓟ and the ON / OF will flash.

Using the ∧ ∨ select ON for P1.

Press Ⓟ to set period 2, which is when the rail will turn off.
Use the ∧ ∨ to adjust the time.

Press Ⓟ and the ON / OF will flash.

Using the ∧ ∨ select OF for P2.

Set up your heating schedule (For 7 Day Program)

Repeat above steps for P3 and P4 and then press ✓
(Note: P3 is turning the heated towel rail on in the evening and P4 is turning it off in the evening)

If programming all 7 days to the same schedule, the program is now set up.

If programming all 7 days individually, press (P) and use the to ∧ ∨ select the next day to program and repeat above steps.

Factory Reset

Press ⏻ to turn the timer off

Press and the hold Ⓜ until **04** is displayed

Press and hold ﹀ for approx. 5 seconds

YES will display on the screen and then the timer has been reset.

Turn the timer back on to setup the program

Temporary override

Turning the timer onto temporary override will allow the timer to be operated on manual until the next programmed period.

In schedule mode, press the ∧ ∨ and the ON/OFF display will flash.

Use ∧ ∨ to adjust the desired setting and press ✓ to confirm.

TEMPORARY will be displayed below the ON/OFF display. To cancel the override setting press ✓.

Holiday Mode

This timer does not have a dedicated holiday mode. To suspend the heating schedule for a period of time turn the timer off using the ⏻ button.

This will ensure the heating schedule is held and then to resume the heating schedule press the ⏻ button.

Key Lock

To lock the key pad, press and hold the ⏻ for 5 seconds or until the 🔑 displays. To unlock press and hold the ⏻ until the 🔑 disappears.

Technical Data

Supply voltage	220-240VAC
Maximum load	16A
IP Rating	IP20
Warranty	2 Years
Width	80mm
Height	120mm
Depth	45mm (27mm in wall)

Service and Support

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That little bit extra...

Contact Us

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