

TH104 Series

Line Voltage
15 sec. cycles



This versatile thermostat with TRIAC switching combines outstanding accuracy, elegant styling and simple programming



Programmable

MODELS & RATINGS

TH104	1750 W @ 120 V	14.6 A resistive	60 Hz	2 wires / SPST
	3500 W @ 240 V	14.6 A resistive	60 Hz	2 wires / SPST
TH104-347	5065 W @ 347 V	14.6 A resistive	60 Hz	2 wires / SPST
	TH104-SW (with keypad lock)	1750 W @ 120 V	14.6 A resistive	60 Hz
	3500 W @ 240 V	14.6 A resistive	60 Hz	2 wires / SPST

(min. 1 A load)



SPECIFICATIONS

TEMPERATURE CONTROL

Microprocessor-optimized PIA*
Heating cycles: 15 seconds
Accuracy: $\pm 0.15^{\circ}\text{C} / 0.27^{\circ}\text{F}$

With fan-forced heaters

Heating cycles: 15 minutes
Accuracy: $\pm 0.5^{\circ}\text{C} / 0.9^{\circ}\text{F}$

SWITCHING ACTION

TRIAC: Silent operation

PROGRAMMING

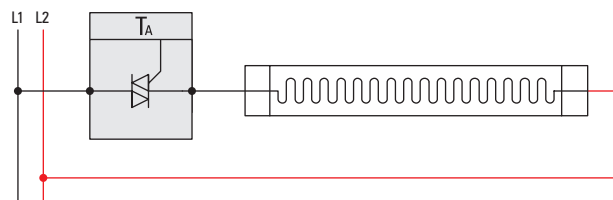
5+2 programming, 4 settings / day
Cottage programming**
Selectable 12- or 24-hour format / $^{\circ}\text{C}$ or $^{\circ}\text{F}$

DIMENSIONS (H•W•D)

124 x 127 x 36 mm / 4.9 x 5 x 1.4 inches

* See Q & A section, p. 56 ** See p. 58

INSTALLATION



T_A = Ambient Temperature

FEATURES

Ultimate temperature control – the most accurate type of thermostat on the market ($\pm 0.15^{\circ}\text{C} / 0.27^{\circ}\text{F}$)

Keypad lock protects programming against tampering (SW model only)

On-screen heating command indicator gives at-a-glance verification of power being sent

2-wire non-polarized connection means fast, hassle-free installation

Instructions inside front panel enable quick, easy programming

Temporary bypass enables temperature override without changing programming

Also ideal for radiant ceilings

Battery-free backup means no re-programming your schedule after power outage

The advantages of TRIAC switching

- 100 % silent operation – ideal even for bedrooms
- Unsurpassed temperature control eliminates temperature swings
- No temperature swings means you are comfortable at a lower setpoint
- Comfort at a lower setpoint saves money on heating bills

