

# TH105PLUS

Baseboards, convectors  
& fan-forced heaters

This versatile thermostat with TRIAC switching features outstanding accuracy and a backlit display

## MODEL & RATINGS

<b>TH105PLUS</b>	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
	<i>(min. 0.83 A load)</i>			



PROGRAMMABLE

## SPECIFICATIONS

### TEMPERATURE CONTROL

Proportional controller  
Heating cycles: 15 seconds or 5 minutes  
Accuracy:  $\pm 0.15^{\circ}\text{C} / 0.27^{\circ}\text{F}$  (15-sec. cycles)  
 $\pm 0.5^{\circ}\text{C} / 0.9^{\circ}\text{F}$  (5-min. cycles)

### SWITCHING ACTION

TRIAC: Silent operation

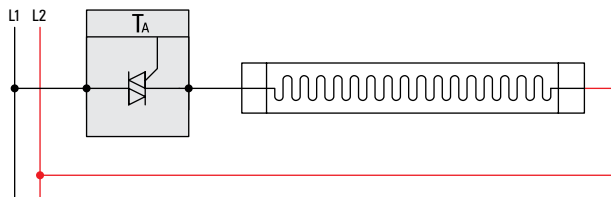
### PROGRAMMING

5+2 Day programming: 4 time periods  
Pre-programmed or personalized schedule  
Automatic daylight savings time  
Automatic, Manual or Away mode  
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

## INSTALLATION



$T_A$  = Ambient Temperature

## FEATURES

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

**Backlit display** for easy reading

**Early Start function** ensures programmed temperature is reached by programmed time

**5+2 programming** – separate programs for weekdays and weekends

**Temperature lock** limits minimum and maximum setpoints

**Temporary bypass** enables temperature override without changing programming

**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

