

# PROGRAMMABLE ROOM THERMOSTAT - TLX 6501

## Product Specification and Wiring Details



### KEY FEATURES

- Fully featured 7 day programmable room thermostat
- Real time clock with day of the week display
- Room temperature display
- Temperature Profile display
- Temporary override set temperature
- Easy to programme with “user friendly” interface
- Back-Light display feature

The TLX 6501 Programmable Room Thermostat provides 7 day control of your heating or cooling system by switching between user adjusted comfort and economy temperatures under the control of pre-defined or user-defined daily programs.

Powered by two standard ‘AA’ alkaline batteries, this attractively styled, slimline thermostat offers excellent operational simplicity. In addition to standard features associated with ‘State of the Art’ programmable thermostats, several other useful functions have been incorporated to adapt to a variety of user needs:-

a back-light LCD display showing ‘need-to-know’ information only, an Optimum Start function ensuring the correct temperature at the correct time and Frost Protection to safeguard pipes from freezing.



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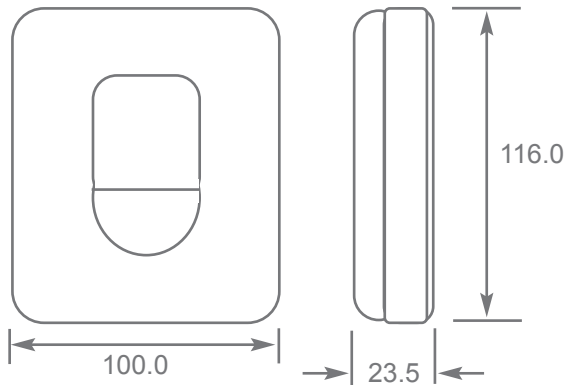
## MODEL

## DESCRIPTION

TLX 6501

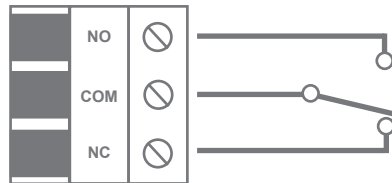
7 day programmable room thermostat with 6 pre-defined and 3 user defined control programs. SPDT change-over voltage free contacts suitable for the control of heating and cooling systems. Complete with back-light display and 'Optimum Start' feature providing maximum user comfort and control.

## DIMENSIONS



## WIRING DETAILS

Call for Heat  
Com  
Heating Satisfied



Connect heater/cooler as required.

For Cooling:

Heating Satisfied = Call for Cooling

Call for Heat = Cooling Satisfied

## TECHNICAL SPECIFICATION

### Electrical

Power Source:	2 AA (LR6) batteries
Switch Rating:	24 - 230V AC 50 Hz 5(3)A
Switch Type:	SPDT (change-over)
Clock Accuracy:	+/- 60 seconds/month
Sensing Element:	Electronic

### Thermal

Sensing Range:	0° to 40°C in 0.5°C steps
Temp. Control:	7° to 30°C in 0.5°C steps
Temp. Accuracy:	+/- 1°C at 20°C
Span:	Adjustable 1,2,3 or 4°C

### Environmental

Operating Temp:	0° to 40°C
Storage Temp:	-10° to 60°C

### Physical

Size:	116 x 100 x 23.5
Weight:	220 gram

## INSTALLATION & CONFIGURATION

The TLX 6501 has been designed for simple and quick installation requiring only a few tools.

The 'User Friendly' interface makes programming easy. Simply select one of the 6 pre-defined control programs for each day as required, or set up one of the user-defined control programs for special custom programs.

The 'Optimum Start' function will ensure your desired comfort temperature is reached at the time you have selected by estimating the time your heating/cooling system will need to reach that temperature and switching on accordingly.

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