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THERMOPLUS PRT1 Mains Powered Programmable Room Thermostat

One of a range of ThermoPlus programmable thermostats, designed to provide an economical but comfortable pattern of heating without the need for complex adjustments by the user. With built in hypothermia protection the PRT1 is designed specifically for vulnerable and older users.

Hypothermia protection

Simple 3 button operation

LED Warm/Cool display

Preset clock with battery back-up

Automatic Summer/Winter time changes

5 Preset heating profiles

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we're in control.



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SPECIFICATION

CONTACT RATING
3(1) Amps 230-240V AC

CONTACT TYPE
Micro disconnection

Voltage free

SUPPLY
230-240V AC 50Hz

OPERATING TEMPERATURE RANGE
0°C to +40°C

BATTERY TYPE
Lithium

DOUBLE INSULATED
Yes

POLLUTION DEGREE 2

ENCLOSURE PROTECTION
IP 30

TEMPERATURE CONTROL RANGE
+15°C to +30°C

STANDBY TEMPERATURE
+5°C to +10°C

CASE MATERIAL
Thermoplastic flame retardant

DIMENSIONS
Width 120mm x Height 90mm x
Depth 32mm

DISPLAY
Liquid crystal

CLOCK
24 hour

DISPLAYED TIME ADJUSTMENTS
1 minute steps

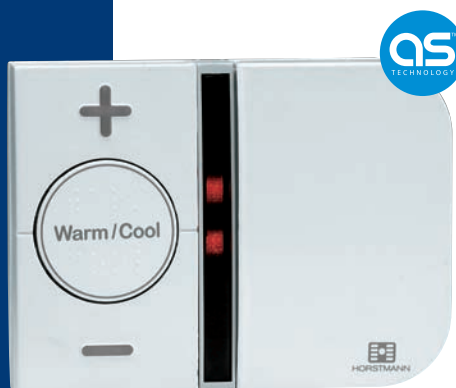
SWITCHED TIME ADJUSTMENTS
15 minute steps

PROGRAMME SETTINGS
Auto, Standby

OPERATING PERIODS PER DAY
Warm - 3 per day

OVERRIDE
Instant warm/cool

MOUNTING
Industry standard backplate



Flap closed:
Normal operating position



Flap open:
For installer set-up

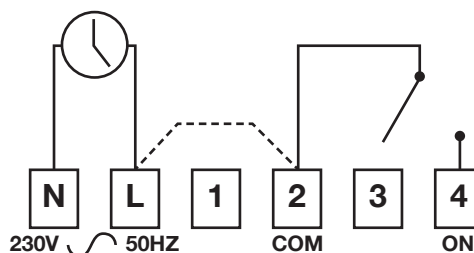
ThermoPlus PRT1

For day-to-day use only 3 buttons are needed. The centre 'WARM/COOL' button, complete with Braille markings, changes the temperature state and the '+' and '-' buttons provide fine user adjustment as well as audible feedback. Each adjustment is immediately reflected in changes to the bright red and blue LED display.

Using a variety of pre-installed heating profiles, that can be easily set up by the installer, and a minimum cool setting of 15°C, the ThermoPlus aims to provide maximum comfort to the user and protection from hypothermia. Under the flap the blue standby button will put the control into a 'frost protection' mode until re-activated.

The built-in clock is programmed to the correct time during manufacture and a built-in calendar will automatically adjust for summer and winter time changes, so there's never any need for user adjustment. And, as the PRT1 is mains operated, there are no batteries to change.

Wiring connections



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