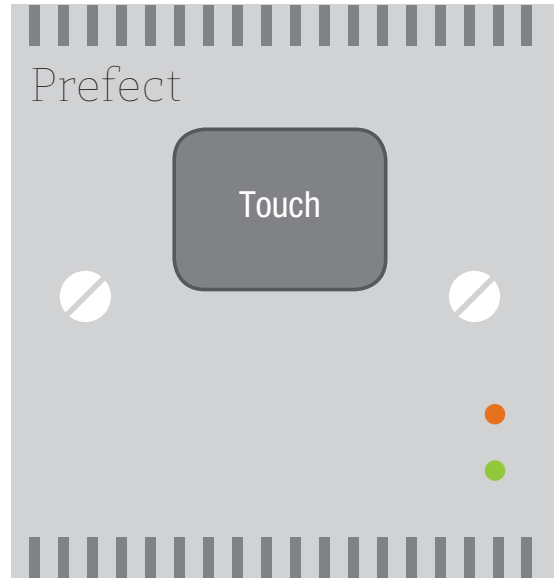


PRE5004 Touch Thermostat with remote Infra-red Programming



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Specification:

SIZE: Standard 1 gang. Requires minimum 35mm back box 45mm recommended if practical)

TEMPERATURE/TIME RANGE: Comfort temperature (boost) 15 to 30°C, Time to set-back 5 to 480 minutes. Set-back Temperature 1 to 20°C. Time to frost 1 to 72 Hours. Frost temperature 1 to 20°C

ADJUSTMENT METHOD: IR Coded AUTO LOCK SYSTEM ©

ELECTRICAL SPEC: 220-240VAC 50 Hz

LOAD: 16A resistive

CONNECTIONS: Live in, swd. live out, Neutral

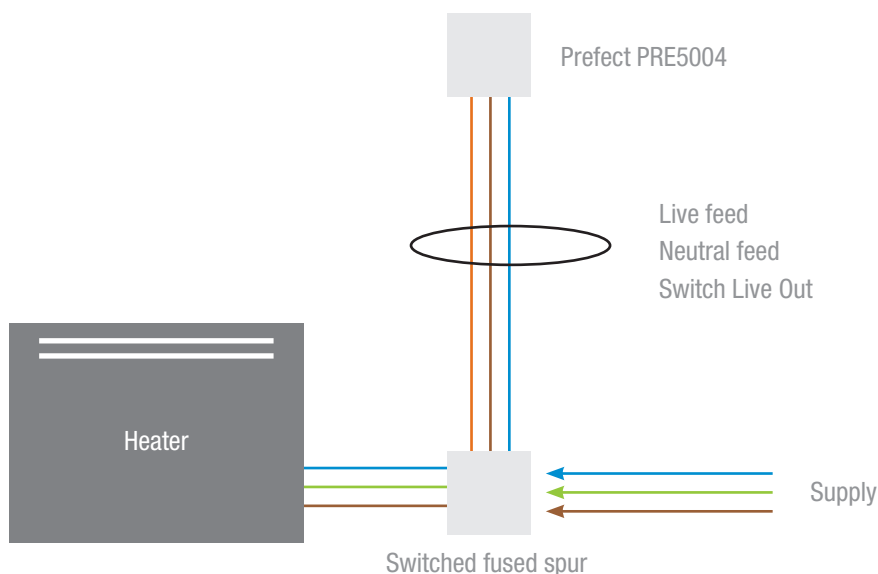
INDICATORS: Green LED- Heating. Red LED- Boost Heating

CONFORMANCE: EMC- 89/336/EEC. LVD - 73/23/EEC
CE approved

POSITIONING: Ideally chest height. Can be positioned higher or lower, however temperature setting must be biased accordingly.

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PRE5004 Touch Switch schematic wiring diagram



Unit description:

The Prefect PRE5004 Touch Thermostat will maintain a room at an customer pre-set heat level. When the front of the unit is touched, the unit allows the room temperature to boost to the customer pre-set comfort heat level for a time period – also

pre-set. Once the time period has expired the unit switches back to maintaining the setback heat level. Should No activity take place for 48 hours the unit will allow the temperature to drop to 5°C frost protection.

Installation Instructions:

1. Isolate the circuit supplying the heating points, which are to be connected to the PRE5004. This should be undertaken at the distribution board.
2. The PRE5004 should be positioned where operation will not be affected by local heat sources such as lighting or the heater itself, by limited airflow or cold drafts for example. The unit should be mounted ideally at chest height.
3. Carry out any adjustments to the heating circuits to allow for the correct operation of the system. Adjust the circuit wiring to allow for the following connections:
 - Terminals 'L' & 'N' - connect a 240V 24-hour supply.
 - Terminal 'LIVE OUT' - connect to the heater or contactor coil.
 - Any CPC or earthing conductor should be connected ONLY to the mounting box.
4. We recommend this product is installed by a competent person to IEE regulations in force at the time.

Setting & Commissioning Information:

The following are guidance notes for the commissioning of the unit.

The time/temperature profiles of the unit have been factory set to precise client requirements. However, further adjustments can be made to the unit on site via the PRE5900 Infra-red programming handset.

Mount the unit in it's box and energise the supply circuit and allow 30 seconds for the unit to stabilise. When the green LED is lit, this indicates the unit is maintaining the setback heat level. When the fascia is touched, the red LED will illuminate to indicate the unit has switched to maintaining the boost heat level.

Back view of PRE5004

