

Thank you for purchasing a BN Thermic product. Manufactured to a high standard this product will, if installed and used according to these instructions, give you years of trouble free performance.



**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS, NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS, AND CAUTIONS. USE THIS PRODUCT CORRECTLY, AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY.

## 1. SAFETY INSTRUCTIONS

### ELECTRICAL SAFETY

- WARNING!** It is the responsibility of the Installer, owner and operator to read, understand and comply with the following:
1. All electrical wiring must be carried out by a fully qualified Electrician in accordance with the current IEE wiring regulations.
  2. An isolator having a contact separation of at least 3mm on all poles must be incorporated in the fixed wiring as a means of fully disconnecting the mains supply.
  3. The Circuit should also be protected by a suitably rated fuse or MCB.
  4. The Thermostat must be earthed.
  5. The electrical supply must be disconnected before removing the cover.
  6. MAXIMUM LOAD MUST NOT EXCEED 16 AMPS.
  7. This thermostat may be used to control a contactor or contactors if you heating system exceeds 16A.

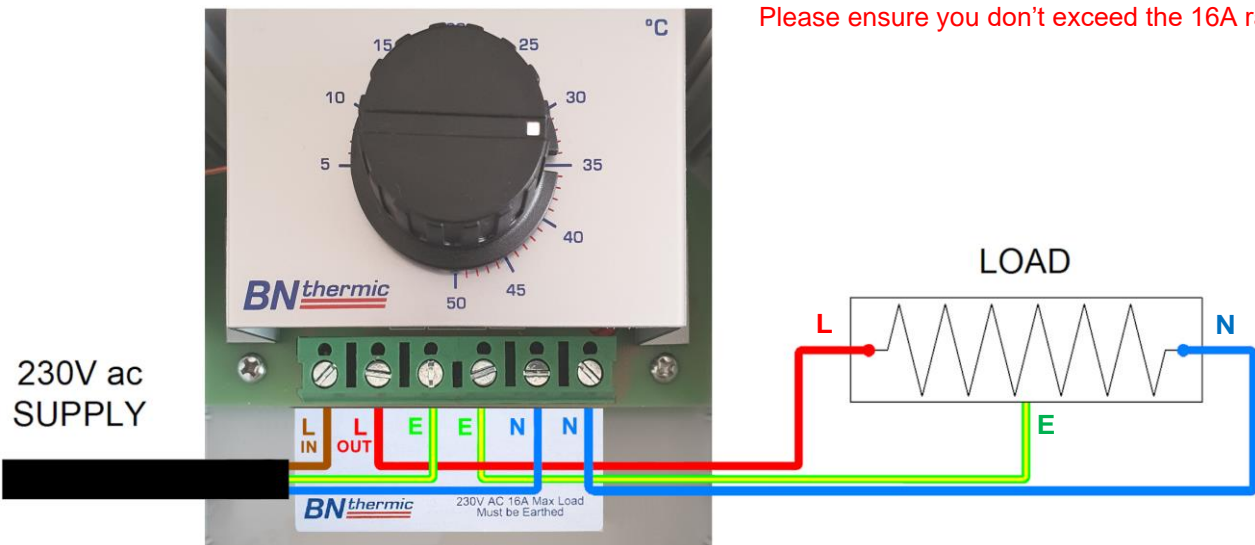
## 2. INSTALATION INSTRUCTIONS

**Location** - The THT should be mounted out of direct sun light.

**Installation** - The IP66 enclosure can be fitted to a wall or structure using suitable screws (not supplied). Only use suitable rated cable glands to maintain the IP66 rating of the enclosure.

1. Remove the cover by undoing the 4 corner screws.
2. Using the 4 holes in the corners screw the enclosure to the wall / structure.
3. Drill any holes required in the enclosure for suitably rated cable glands, we recommend you only drill the bottom of the box.
4. Wire in accordance to the drawing below.
5. The desired temperature should be set by rotating the dial to the required position.
6. Refit the outer cover using the 4 corner screws.
7. The bulb should be attached to object you wish to maintain temperature of using the clip provided or other suitable methods.
8. When positioning the bulb be careful not to damage the thin capillary connecting it to the thermostat.
9. Never bend the capillary in a tight radius always make large curves.

## 3. WIRING DIAGRAM



**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.



This product conforms to EU Directive 2012/19/EU.

This appliance bears the symbol of the crossed waste bin. This indicates that, at the end of its useful life, it must not be disposed of as domestic waste, but must be taken to a collection centre for waste electrical and electronic equipment. It is the user's responsibility to dispose of this appliance through the appropriate channels. Failure to do so may incur penalties established by laws governing waste disposal.

**IMPORTANT:** No liability is accepted for incorrect use of this product.

**WARRANTY:** Your BN Thermic product is guaranteed for one year from date of purchase. We will repair or replace at our discretion any part found to be defective. We cannot assume any consequential liability. This guarantee in no way prejudices your rights under common law and is offered as an addition to consumer liability rights.

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