

**‘HEATER TRANSFORMER’
SAFETY INSTRUCTIONS**
Manufactured to BSEN 61558

Model CMHT3/11

1. Read all of these instructions before you use the transformer
2. These transformers are designed to provide mains isolation and reduce the main voltage to a lower, safer value
3. Check the transformer case, plug and cable for signs of damage before use. Do not use if any damage is discovered
4. Check the transformer rating against the power usage of the equipment you are going to use
5. These transformers are rated for continuous operation at their maximum listed power capability of 3kVA.
6. During normal operation these units will become warm. Ensure the transformer will not damage any floor covering it is standing on. It is not advisable to stand the unit on carpets, vinyl floor covering or other surface materials that may be prone to heat damage
7. This unit is fitted with a thermal trip device to protect against overload and short circuit
8. In the event of a short circuit to the output remove the cause of the fault before pressing the reset button on the thermal trip
9. In the event of an overload trip allow the unit to cool for at least 15 minutes before pressing the reset button
10. The unit is fitted with a 3 core 2.5mm² mains cable, a suitably rated plug should be fitted compatible with the supply sockets. The earth on the input plug must always be connected for complete safety to the output
11. The 110V output of the transformer has a centre tap that has been connected to the incoming earth conductor
12. These units are Class 1 insulated and must not be tested on Portable Appliance Testers (PAT) as Class 2 double insulated products. Flash test only at 1.5kV between input and earth **DO NOT** flash test output to earth
13. Transformers have an inherent high in-rush current at switch on. In the event of a supply fuse blowing check that the replacement is a suitably rated anti-surge type. Miniature Circuit Breakers (MCB's) protecting sockets should have a type C or D tripping characteristic
14. These units are protected against the ingress of solid and liquid contaminants to IP22.
15. If the external flexible cable or cord of this transformer is damaged, it shall be replaced by the manufacturer or their service agent, or a similarly qualified person in order to avoid hazard
16. In the event of changing the input plug for connection to an alternative type of mains supply socket adopt the following wiring convention

Live	Brown Wire
Neutral	Blue Wire
Earth	Green / Yellow Wire

Ensure that such wiring is carried out by suitably qualified personnel





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EC DECLARATION OF CONFORMITY **CE**

Carroll & Meynell declare its sole responsibility for model: CMHT3/11 meets the basic safety requirements of European directives

1. Low Voltage Directive – 2014/35/EU
2. REACH – Regulation (EC) No 1907/2006
3. RoHS – Restriction of Hazardous Substances – Directive – 2011/65/EU
4. Waste Electrical and Electronic Equipment Directive – 2012/19/EU

and any amendments.

The conformity assessment is based on the following harmonised standards

BS EN 61558

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On behalf of CARROLL & MEYNELL Transformers Limited

