

# HANDYTRAN PORTABLE TOOL TRANSFORMER INSTALLATION AND SAFETY INSTRUCTIONS

Manufactured to BSEN 61558



**Model**            **CMH1200/110**

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 unit 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. This transformer is rated for power tool intermittent operation or 1.2kVA for 30 minutes continuous operation
6. This unit is fitted with a thermal trip device to protect against overload and short circuit
7. 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
8. In the event of an overload trip allow the unit to cool for at least 15 minutes before pressing the reset button
9. This transformer has been fitted with a shoulder strap for carrying only. Do not use the unit with the power on whilst carrying over the shoulder
10. The unit is fitted with a BS 1363 UK mains domestic style input plug and mains lead. The earth on the input plug must always be connected for complete safety to the low voltage output
11. The 110V output of the transformer has a centre tap that has been connected to the incoming earth lead
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 IP20. Care must be taken to prevent excessive moisture ingress
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