CARROLL & MEYNELL TRANSFORMERS LIMITED

Guiseley Way, Durham Lane Industrial Park,
Eaglescliffe, Stockton-On-Tees. TS16 0RF
United Kingdom
Tel: +44 (0)1642 617406 Fax: +44 (0)1642 614178
E-mail: enquiries@carroll-meynell.com
www.carroll-meynell.com

ISOQAR REGISTERED UKAS PRODUCT CERTIFICATION 0026
Certificate number 16970
ISO 9001

HANDYTRAN ISOLATION TRANSFORMER
INSTALLATION AND SAFETY INSTRUCTIONS

Manufactured to BSEN 61558

CM1200/230

1. Read all of these instructions before you use the transformer
2. These transformers are designed to provide mains isolation
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. This transformer is rated for intermittent operation of 25% duty cycle (5 mins on, 15 mins off) or 1.2kVA for 30 minutes continuous operation followed by sufficient cool down time
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 safety to the transformer
11. The winding output is not connected to earth, it is considered floating in relation to earth (0V is not a neutral). Do not use mains socket testers that expect to see a link between 0V and earth pins
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, earth and output
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 must 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

CE

CARROLL & MEYNELL
TRANSFORMERS LIMITED

Guiseley Way, Durham Lane Industrial Park,
Eaglescliffe, Stockton-On-Tees. TS16 0RF
United Kingdom
Tel: +44 (0)1642 617406 Fax: +44 (0)1642 614178
E-mail: enquiries@carroll-meynell.com
www.carroll-meynell.com

Certificate number 16970
ISO 9001

EC DECLARATION OF CONFORMITY CE

Carroll & Meynell declare its sole responsibility for model: CM1200/230 portable tool transformer 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

Country of Origin - United Kingdom

Name: Karen Shovelin

Title: Quality Health & Safety Manager

Signature: *Karen Shovelin*

Date: 12/08/2019

On behalf of CARROLL & MEYNELL Transformers Limited

CE