

**SAFETY ISOLATING
TRANSFORMER
INSTALLATION AND SAFETY
INSTRUCTIONS**

Manufactured to BSEN 61558



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 for signs of damage before use. Do not use if damage is discovered.
4. Check the transformer rating against the power usage of the equipment to be used.
5. These transformers are rated for continuous operation mode
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 etc
7. This unit is fitted with a primary fuse 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 replacing the fuse
9. These units may be either hard wired to an electrical junction box or may be fitted with input leads and plugs. Units up to 3.3kVA may be fitted with a BS 1613 UK mains domestic style input plug and mains lead. The earth on the input plug must always be connected for complete safety to the output
10. These units are designed for the equipment they are to power to be plugged into the BS EN sockets provided. An earth is provided in the output sockets for equipment that requires it, but these sockets are also compatible with two pin only plugs
11. Input leads should be secured through the walls of the enclosure with cable glands to prevent damage
12. Secure the wall panels and lid of the enclosure after wiring before using the unit
13. 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
14. 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
15. These units are protected against ingress of solid and liquid contaminants to IP22 and are not designated for outdoor installation.
16. In the event of connecting an input lead/plug 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