

# Installation Instructions for Electronic Transformer ET60-N

## Installation

### Warning:

Isolate mains supply before installation.

The wires of the mains lead are coloured as follows:

Blue – Neutral

Brown – Live

This transformer is double insulated and does not need an earth connection.

This transformer should only be installed by a qualified electrician.

- Locate the transformer in a well ventilated area free from any insulating material and as far away from the nearest lamp as possible – failure to do so may cause the transformer to overheat and shut off.
- Do not lead the mains wiring along the side of the transformer.
- This transformer must only be used to supply low voltage halogen lamps.
- Ensure that all connections to both input and output leads are **securely made**.
- Input cable from the mains HO3VVF 2 x 0.75mm<sup>2</sup>
- Output cable to the lamp HO3VVF 2 x 1.0 to 1.5mm<sup>2</sup> – minimum length 25cm, max length must not exceed 2 metres.
- Securely mount the transformer once all the connections are made.
- Do not exceed the maximum lamp load of the transformer – 60 Watts.

### Short Circuit and Overload Protection

The Transformer will automatically shut off in the event of short circuit or current overload. The unit will reset once the cause of the short circuit or overload has been removed.

### Thermal Cut-Out

The Transformer will automatically shut off in the event of overheating. If this happens ensure that the transformer is in a well ventilated area and not placed directly next to any lamps or other source of heat.

### Dimming the Transformer

The transformer can be dimmed using most types of mains resistive and low voltage inductive dimmers. If the dimmer does not operate effectively and there is a pronounced buzzing sound or flickering then you will need to select a different dimmer.

### Technical Data

Input Voltage 230-240V-50Hz

Input Current 0.27A 60W

Rated Power 60VA 20-60W

Output Voltage 11.6V-eff

Power Factor 0.99

Ambient Temperature Max 50°C

Case Temperature Max 85°C

RFI Suppression in Accordance with EN55015

For further information or guidance please contact our Technical Services Department

When your transformer comes to the end of its life or you have chosen to change it, please do not dispose of it with your normal household waste or by using a local amenity tip. When you buy a replacement take this transformer to your retailer for them to recycle.

Regulations (**WEEE Directive effective July 2006**)

will oblige retailers & some recycling centres to take in **Waste from Electrical & Electrical Equipment**.

