



## Suppliers Of Quality Electrical Products To The Electrical Wholesale Market

### Installation Instructions **HSE60T 60VA LOW VOLTAGE LIGHTING TRANSFORMER**

#### **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.

Please Note: We recommend that all electrical work be carried out by a fully qualified Electrician. Please retain instructions for further reference and maintenance.

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 2 x 1.0mm<sup>2</sup> silicon – 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. Please check compatibility of dimmer switch with manufacturer prior to installation.

#### **Technical Data**

Input Voltage 230-240v -50Hz Input Current 0.27A 60W

Rated Power 60VA 20-60W

Output Voltage 1.6V ~eff

Ambient Temperature Max 50°C

Case Temperature Max 85°C

RFI Suppression in Accordance with EN55015