

# Instruction for the use of ET150 and ET200 electronic transformers for low voltage halogen lamps Class II

## • **Technical Data:**

Input voltage:220-240V/50Hz  
Input current:0.65A by 150W;0.87A by 200W  
Rated power:150VA: 50-150Wattage; 200VA: 70-200Wattage  
Output voltage:11.6V-eff  
Power factor:0.99  
Ambient temperature:max 50°C by 150VA; 45°C by 200VA  
Case temperature: max 70°C  
RFI suppression: according to EN55015

## • **Installation:**

**Warning:**The installation of the electronic transformer must be carried out by a qualified electrician.The electronic transformer should be installed in ventilated areas far from heat sources. This electronic transformer can only be used to supply the low voltage halogen lamps.The protection against electric shock should be ensured during the installation.

Please to use only the supplied fixing screws to mount the electronic transformer.The type of the input cable should be H03VVF 2 X 0.75mm<sup>2</sup>,and the type of the output cable scould be H03VVF 2 X 0.75 to 1.5mm<sup>2</sup>.The maximal length of the output cable should not excess 2m.The maximal allowed load for each pair of the output terminal block should not exceed 105W.

## • **Short circuit and overload protection:**

The electronic transformer will shut off the load automatically in case of short circuit and overload.After the removing of the cause of the short circuit or overload,the electronic transformer will start to supply the load again.

## • **Overtemperature protection:**

In the case of over temperature and overheating,the electronic transformer will cut off the load by means of a thermal fuse inside the electronic transformer to prevent further damages.