



Our Electronic Transformers are designed to be used with low voltage halogen lamps and LED lamps. Precisely set, soft power supply make halogen lamps live two times longer.

Construction of our transformers remove main flaws of traditional ones such as output voltage scatter and power stroke at startup. Besides powering lamps they have additional function which makes this products interesting among direct market competitors.

Transformers have following functions:

Works with light dimmers.

Build in self resetting protection systems: short circuit, overwattage overvoltage, thermal.

Work from "0" to nominal wattage.

Output Voltage lowered to 11,5V in order to extend lamp life.

Posibility of instalation on surface of indeterminate flammable class.

Fast instalation with attached screws.

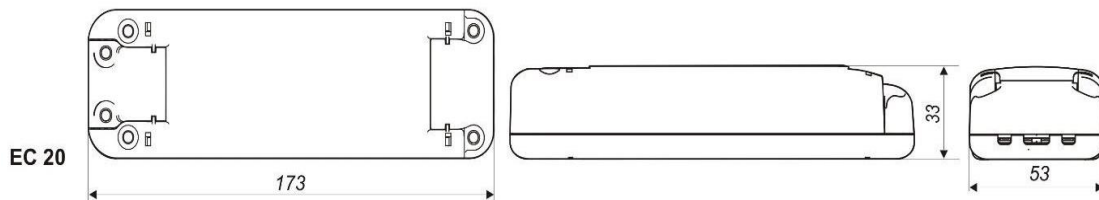
Our transformers are also available with VDE certification.

ELECTRONIC TRANSFORMERS

Technical data:

	YT 150
Input voltage	230 V \pm 10% /50 Hz
Input current	0,65A for 150W
Power range	150 VA; 0-150W
Output voltage	11,5 V max 13A
Power factor	> 0,99
Ambient temperature	0 – 40 °C
Class of protection	II
Galvanic isolation acc.To	SELV
Type of casing	EC 20
Input terminals	4
Output terminals	6
Weight approx	235 g
Protection class	IP40

Dimensions:



Installation instructions:

Type	Minimum cross section of input wires for nominal load	Total cross section for the output wires of nominal load
YT 150	2 x 1,0 mm ²	2 x 3,0 mm ² (4 x 1,5)

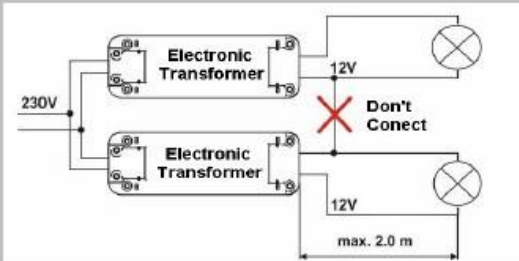
Minimum cross section of output wires for 1 lamp		
20 W	0,50 mm ²	
35 W	0,75 mm ²	
50 W	1,00 mm ²	

ELECTRONIC TRANSFORMERS

Installation hints:

Instal in places with good air flow, away from heat sources.

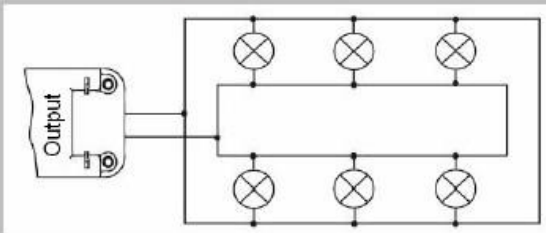
Don't connect transformers outputs.



Minimal length of output wires - 30cm

Length of output wires leading to each light point should be equal. To avoid differences in brightness level.

Bigger number of halogen lamps, connect as shown on diagram below.

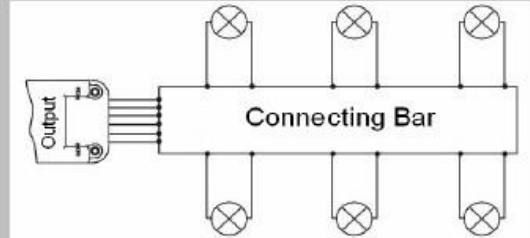


Output wires should be in one isolation, in case of single wires, they should be twisted around each other.

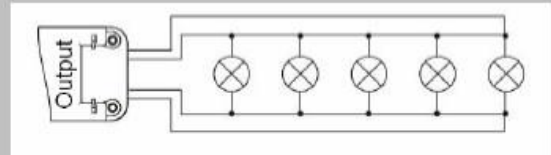
Light dimmer should be installed on power input wire leading to transformer.

Output voltage should be measured with TRUE RMS 100 kHz voltage meter, use of other type of voltage meter may show wrong result.

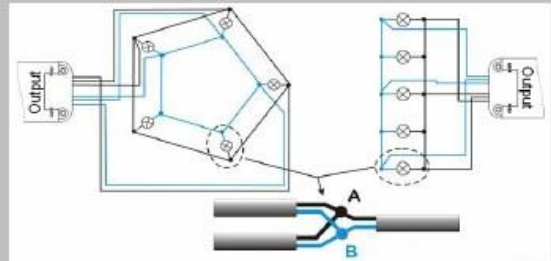
When output wires have diameter higher than 4 mm², there should be used connection bar to connect lamps.



When distance between transformer and halogen lamps is big use connection as shown below, don't use series connection.



Pay attention to correctly connect halogens when larger number used.



Load on pair of output terminals cannot exceed 85W. Load should be divided equally on all output terminals.