



**Our Electronic Transformers are designed to use with low voltage halogen lamps. Precisely set, soft power supply make 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 functions which make this product 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.

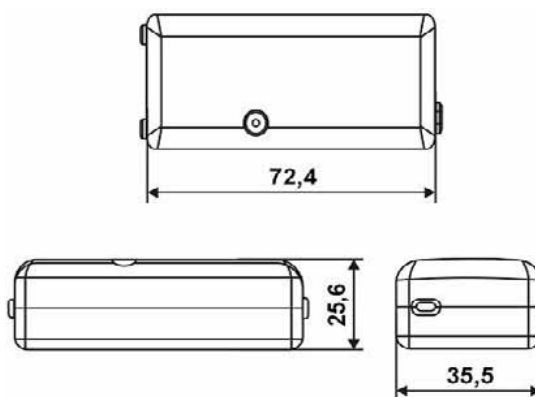
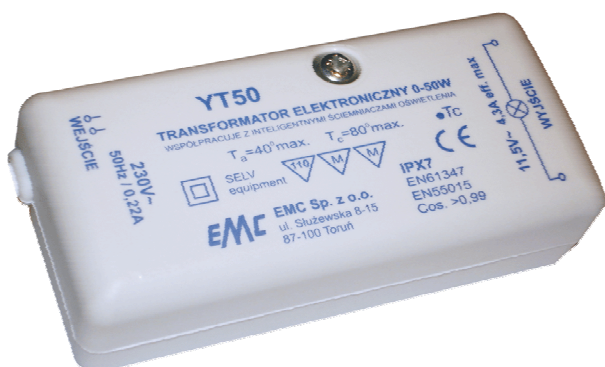
Posibility of instalation on surface of indeterminate flammable class.

Fast instalation with attached screws.

**Electronic Transformer 12V 50W**

**Symbol: T-0506-0E**

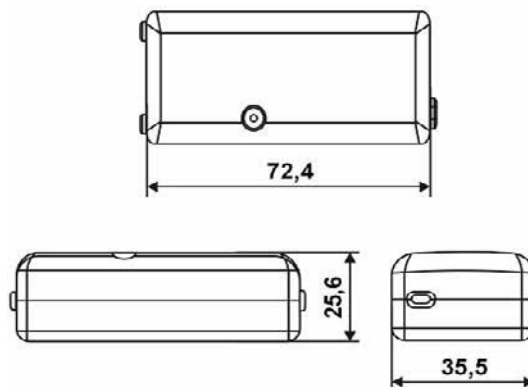
Input voltage	230 V ±10% 50 Hz
Input current	0,22 A
Wattage	0-50 W
Output voltage	11,5 V
Power factor	0.99
Ambient working temperature	0-40 °C
Input terminals	2
Output terminals	2
Weight	75g
EAN code	.5906160700000



**Electronic Transformer 12V 60W**

**Symbol: T-0606-0E**

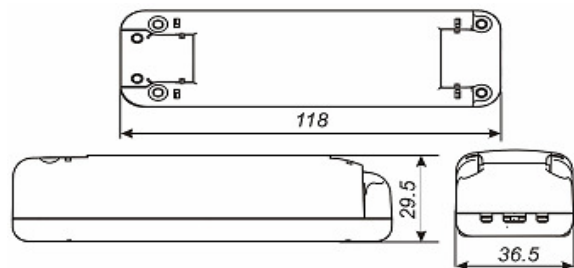
Input voltage	230 V ±10% 50 Hz
Input current	0,27 A
Wattage	0-60 W
Output voltage	11,5 V
Power factor	0.99
Ambient working temperature	0-40 °C
Input terminals	2
Output terminals	2
Weight	75g
EAN code	.5906160700086



**Electronic Transformer 12V 70W**

**Symbol: T-0706-0E**

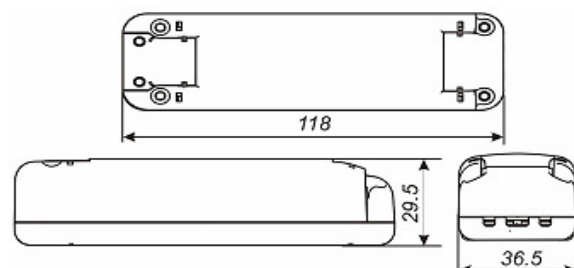
Input voltage	230 V ±10% 50 Hz
Input current	0,35 A
Wattage	0-70 W
Output voltage	11,5 V
Power factor	0.99
Ambient working temperature	0-40 °C
Input terminals	2
Output terminals	2
Weight	115g
EAN code	.5906160700017



**Electronic Transformer 12V 105W**

**Symbol: T-1051-0E**

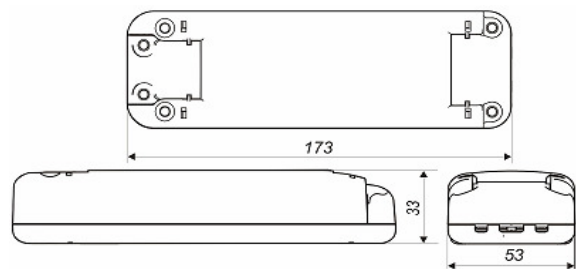
Input voltage	230 V ±10% 50 Hz
Input current	0,45 A
Wattage	0-105 W
Output voltage	11,5 V
Power factor	0.99
Ambient working temperature	0-40 °C
Input terminals	2
Output terminals	4
Weight	120g
EAN code	.5906160700024



**Electronic Transformer 12V 150W**

**Symbol: T-1501-0E**

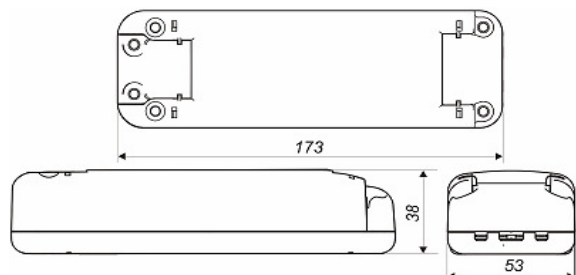
Input voltage	230 V ±10% 50 Hz
Input current	0,65 A
Wattage	0-150 W
Output voltage	11,5 V
Power factor	0.99
Ambient working temperature	0-40 °C
Input terminals	4
Output terminals	6
Weight	235g
EAN code	.5906160700031



**Electronic Transformer 12V 210W**

**Symbol: T-2101-0E**

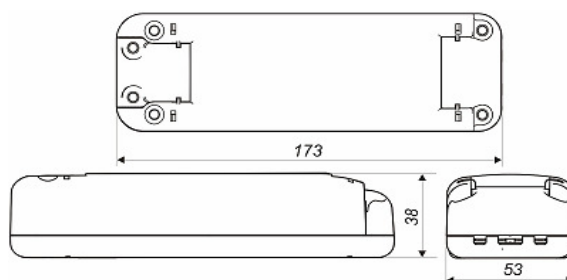
Input voltage	230 V ±10% 50 Hz
Input current	0,93 A
Wattage	0-210 W
Output voltage	11,5 V
Power factor	0.99
Ambient working temperature	0-40 °C
Input terminals	4
Output terminals	6
Weight	285g
EAN code	.5906160700093



**Electronic Transformer 12V 250W**

**Symbol: T-2501-0E**

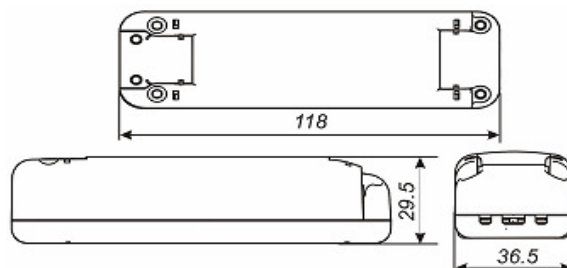
Input voltage	230 V $\pm$ 10% 50 Hz
Input current	1,1 A
Wattage	0-250 W
Output voltage	11,5 V
Power factor	0.99
Ambient working temperature	0-40 °C
Input terminals	4
Output terminals	6
Weight	285g
EAN code	.5906160700048



**Electronic Transformer 24V 70W**

**Symbol: T-0702-0E**

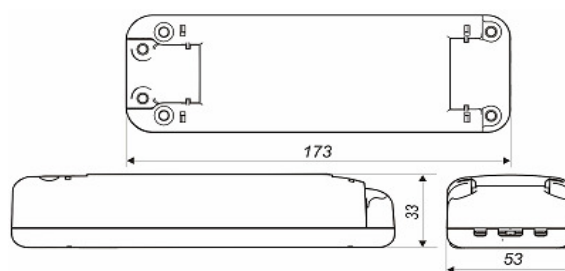
Input voltage	230 V $\pm$ 10% 50 Hz
Input current	0,35 A
Wattage	0-70 W
Output voltage	24 V
Power factor	0.99
Ambient working temperature	0-40 °C
Input terminals	2
Output terminals	2
Weight	115g
EAN code	.0000000000000



**Electronic Transformer 24V 150W**

**Symbol: T-1502-0E**

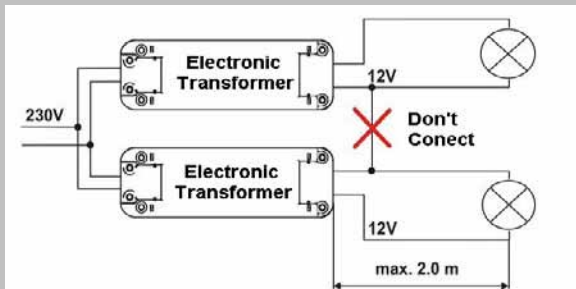
Input voltage	230 V $\pm$ 10% 50 Hz
Input current	0,65 A
Wattage	0-150 W
Output voltage	24 V
Power factor	0.99
Ambient working temperature	0-40 °C
Input terminals	4
Output terminals	6
Weight	235g
EAN code	.5906160700154



## Installation hints:

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

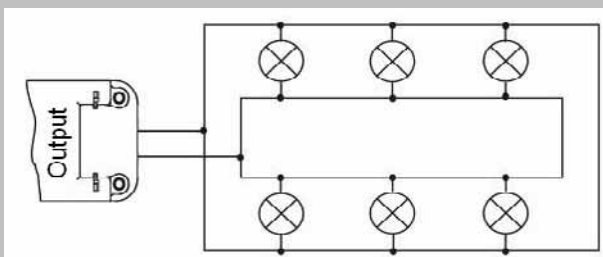
Don't connect transformers outputs.



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.

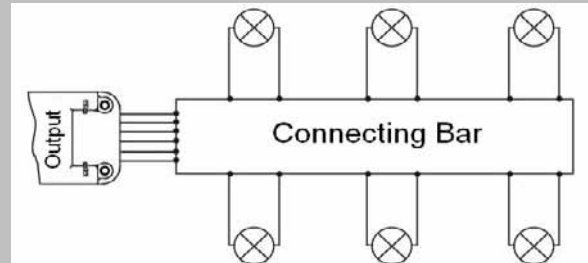


Output wires should be in one isolation, in case of single wires, they should be twisted around each other.

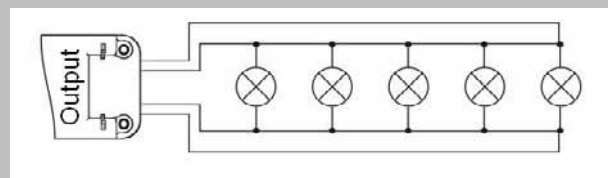
Light dimmer should be installed on power input wire leading to transformer.

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

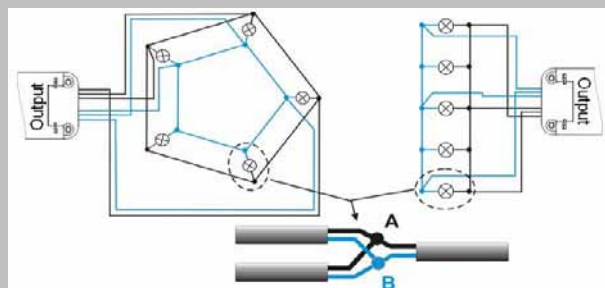
When output wires have diameter higher than 4 mm<sup>2</sup>, there should be used connection bar to connect lamps.



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.