

## TRANSFORMERS - Technical Specification

<<<TRANSFORMERS

### DIMENSIONS

Diagrams are not to scale

YT70 and YT105 (Casing type EC10)



YT150 (Casing type EC20)



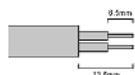
YT250 (Casing type EC30)



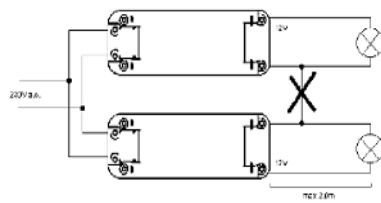
### INSTALLATION

Preparing wires for connection

Input wires



Output wires



Do not connect the output wires of the transformer together

### LOADING COMPARISONS

The internal architecture of VARILIGHT transformers enables larger lamp loads to be dimmed because the load can be calculated by adding the ratings of the lamps. With other compatible transformers, the load must be calculated by adding the ratings of the transformers. For example, a 400W VARILIGHT intelligent dimmer can be loaded as follows:-

With Other Compatible Transformers	to Up to 5 x 60VA transformers with 5 x 50W lamps (max lamp load 250W)
	Up to 3 x 105VA transformers with 6 x 50W lamps (max lamp load 300W)
With <b>VARILIGHT</b> Transformers	Up to 10 x 70VA transformers with 10 x 35W lamps (max lamp load 350W)
	Up to 4 x 105VA transformers with 8 x 50W lamps (max lamp load 400W)

thus enabling up to 150 extra watts of lamp load to be dimmed with a 400W dimmer.

### TECHNICAL DATA

Input Voltage	230+/- 10%; 50Hz	230+/- 10%; 50Hz	230+/- 10%; 50Hz	230+/- 10%; 50Hz
Input Current	0.33A for 70W	0.46A for 105W	0.65A for 150W	1.1A for 250W
Power Range	70VA: 0-70W	105VA: 0-105W	150VA: 0-150W	250VA: 0-250W
Output Voltage	11.5V max. 6.5A	11.5V max. 9.3A	11.5V max. 12.5A	11.5V max. 22A
Power Factor	> 0.99	> 0.99	> 0.99	> 0.99
Ambient temperature range	0 - 40°C	0 - 40°C	0 - 40°C	0 - 40°C
Insulation Class	II	II	II	II
Casing Type	EC10	EC10	EC20	EC30
Quantity of Input Terminals	2	2	4	4
Quantity of Output Terminals	2	4	6	6
Weight	120g	140g	230g	250g