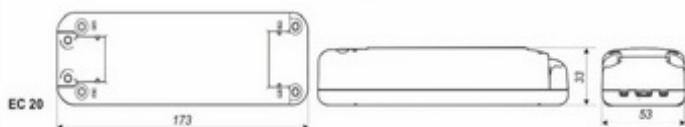


Caractéristiques transformateurs 150 Watts PIXLUM

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:

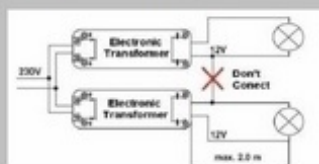
| Type | Minimum cross section of input wires for nominal load | Total cross section for the output wires of nominal load |
|--------|---|--|
| YT 150 | 2 x 1,0 mm ² | 2 x 3,0 mm ² (4 x 1,5) |

| 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 | |

Installation hints:

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

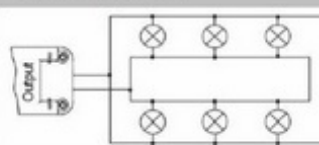
Don't connect transformers outputs.



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.

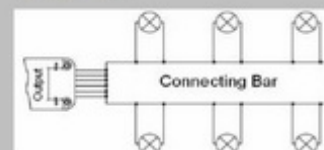


Output wires should be in one isolation, in case of single wires, they should be twisted around each other.

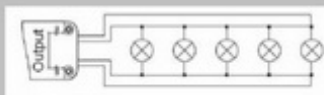
Light dimmer should be installed on power input wire leading to transformer.

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.

PIXLUM