

MODEL : HT 2105

MODEL : HT 2150

MODEL : HT 2210



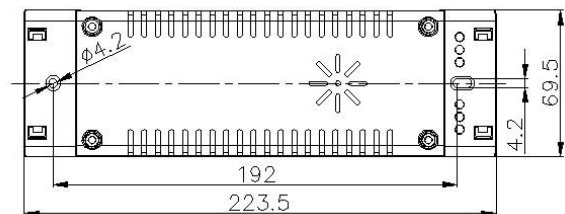
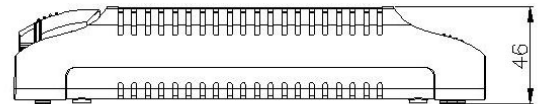
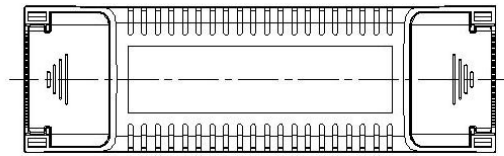
Primary side

- *4 poles, 10a each, for power input and output. Wire 0.5-2.5mm²
- *push-in terminals
- *integrated tool-free strain relief



Secondary side

- *8 poles, 40a each, for wire 1.5 - 4.0mm²
- *push-in terminals
- *integrated tool-free strain relief



*Dimmable with trailing edge dimmer

*lamp wattage 35-210VA

*over load and short-circuit protection, restart after removal of obstacles and power reset

*protection class II

*protection against overheating with automatic reset

*Soft start, 50,000 service hours.

*The distance between transformers should not be less than 200mm in order to avoid electromagnetic disturbance.

Power loss (voltage drop)

The transformer is specially designed for track light and wire system.

For downlights, we recommend you to use below similar power splitter for multi-outlet. Detailed power loss / voltage drop at 12 meters and 20 meters distance is listed below:



Specification:

HT2105

MODEL		HT2105
primary voltage	VAC	230
input current at 230V/50Hz ①	A	0.46
frequency	Hz	50/60
secondary voltage ①	V	11.5
lamp wattage	VA	35-105
efficiency	%	>92
power factor	λ	>0.97
ambient temperature ta	°C	-18 to +60
rated max. temperature tc	°C	86
soft start		yes
dimming		Leading/Trailing edge dimming
dimensions LxWxH	mm	223.5x69.5x46
weight	kg	0.46

HT2150

MODEL		HT2150
primary voltage	VAC	230
input current at 230V/50Hz ①	A	0.65
frequency	Hz	50/60
secondary voltage ①	V	11.5
lamp wattage	VA	80-150
efficiency	%	>92
power factor	λ	>0.97
ambient temperature ta	°C	-18 to +60
rated max. temperature tc	°C	86
soft start		yes
dimming		trailing edge dimmer
dimensions LxWxH	mm	223.5x69.5x46
weight	kg	0.46

HT2210

MODEL		HT2210
primary voltage	VAC	230
input current at 230V/50Hz ①	A	0.91
frequency	Hz	50/60
secondary voltage ①	V	11.5
lamp wattage	VA	80-210
efficiency	%	>92
power factor	λ	>0.97
ambient temperature ta	°C	-18 to +45
rated max. temperature tc	°C	86
soft start		yes
dimming		trailing edge dimmer
dimensions LxWxH	mm	223.5x69.5x46
weight	kg	0.46

Power loss (voltage drop)

load: 3x35W	Cable lengthh	cable area	V - Terminal	V - lamp	Voltage drop
	12m	1,5mm ²	11,77	10,86	0,91
	20m	1,5mm ²	11,84	10,39	1,45
	12m	2,5mm ²	11,81	11,17	0,64
	20m	2,5mm ²	11,88	10,78	1,10

Load :2x50W	Cable lengthh	cable area	V - Terminal	V - lamp	Voltage drop
	12m	1,5mm ²	11,88	10,66	1,22
	20m	1,5mm ²	11,90	10,03	1,87
	12m	2,5mm ²	11,87	11,04	0,83
	20m	2,5mm ²	11,93	10,57	1,36

Load: 4x35W	Cable lengthh	cable area	V - Terminal	V - lamp	Voltage drop
	12m	1,5mm ²	11,99	11,00	0,99
	20m	1,5mm ²	12,18	10,57	1,61
	12m	2,5mm ²	12,04	11,22	0,82
	20m	2,5mm ²	12,26	10,89	1,37

Load :3x50W	Cable lengthh	cable area	V - Terminal	V - lamp	Voltage drop
	12m	1,5mm ²	12,12	10,81	1,31
	20m	1,5mm ²	12,23	10,11	2,12
	12m	2,5mm ²	12,19	11,11	1,08
	20m	2,5mm ²	12,34	10,58	1,76

Load: 6x35W	Cable lengthh	cable area	V - Terminal	V - lamp	Voltage drop
	12m	1,5mm ²	12,30	11,18	1,12
	20m	1,5mm ²	12,64	10,80	1,84
	12m	2,5mm ²	12,36	11,30	1,06
	20m	2,5mm ²	12,66	11,11	1,55

Load :4x50W	Cable lengthh	cable area	V - Terminal	V - lamp	Voltage drop
	12m	1,5mm ²	12,52	11,01	1,51
	20m	1,5mm ²	12,75	10,35	2,40
	12m	2,5mm ²	12,50	11,20	1,30
	20m	2,5mm ²	12,76	10,89	1,87