

## Dimmable ballasts for T5, T8 & CFL.

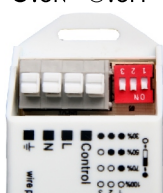
These electronic ballasts are specially designed to work with sensors (motion sensor, infrared sensor, light sensor, sound sensor etc.), which give out 220-240v continuous output signal. Upon receiving the signal, the ballasts work on full power; when the signal passes out, the ballast works on stand-by mode, at low light output and power consumption.

It takes 0.5 second for the ballast to shift from stand-by brightness to full power; and 2 seconds from full power to stand-by brightness. This soft transition is friendly and comfortable to human eyes.

The ballast compensates the filament current when the fluorescent tubes are working on stand-by dimming mode, this device has secured the fluorescent tube immediately reaching its max. brightness on receiving of the motion signal, as well as the life span of fluorescent tubes no matter the fluorescent tube works constantly in dimming status, or frequently shifted between full power and dimming status.

**The stand-by light output and power consumption can be pre-set by choosing the desired combination of the encoded programmed switch-**

●:ON ○:OFF



Recommendation

	1	2	3	% of full power
I	○	○	○	100%
II	●	○	○	70%
III	●	●	○	50%
IV	●	●	●	30%

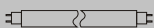
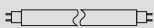
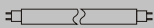
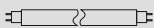
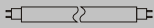
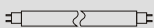
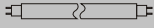
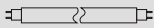














●:ON ○:OFF



Recommendation

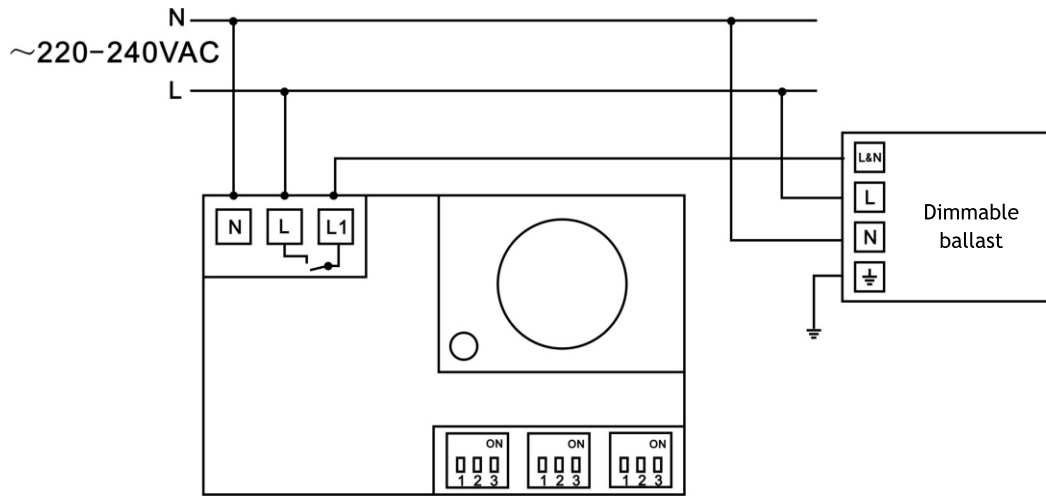
	1	2	3	% of full power
I	○	○	○	100%
II	●	○	○	50%
III	●	●	○	25%
IV	●	●	●	5%

**Hytronik dimmable ballast has covered wide range of lamps and wattages:**

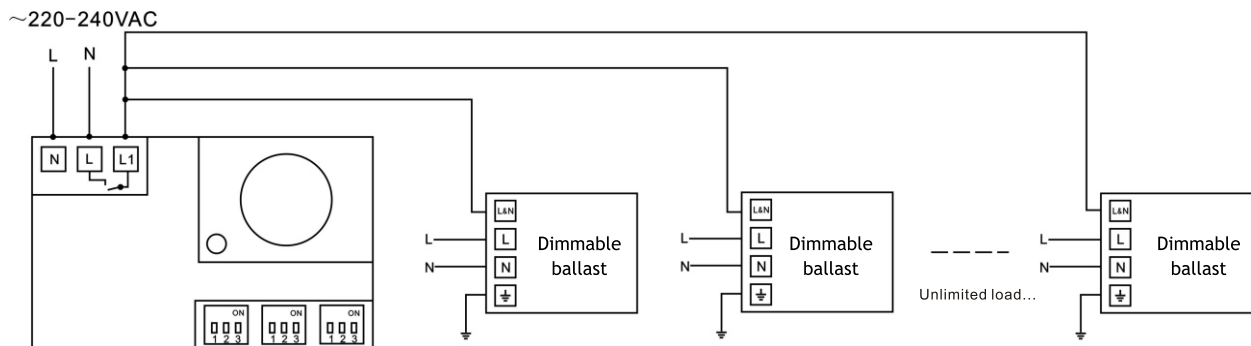
model	Lamp type	Wattage	No. of lamps
HB0135-1	T5 linear 	14,21,28,35	1x
HB0135-2	T5 linear 	35	1x
HB0235-1	T5 linear 	14, 21, 28, 35	2x
HB0249-1	T5 linear 	49	2x
HB0142-1	T5 linear 	24,39	1x
HB0242-1	T5 linear 	24,39	2x
HB0142-1	T8 linear 	18, 15, 30,36	1x
HB0242-1	T8 linear 	18,30,36	2x
HB0142-1	T5 circular 	22, 40	1x
HB0242-1	T5 circular 	22, 40, 22+40	2x
HB0142-1	T9 circular 	22, 40	1x
HB0242-1	T9 circular 	22, 40, 22+40	2x
HB0142-1	TC-DD 	28,38	1x
HB0242-1	TC-DD 	28,38	2x
HB0142-1	TC-DEL 	26	1x
HB0142-1	TC-TEL 	26, 32, 42	1x
HB0242-1	TC-DEL 	26	2x
HB0242-1	TC-TEL 	26, 32, 42	2x
HB0142-1	TC-L 	18, 24, 36,40	1x
HB0242-1	TC-L 	18, 24, 36,40	2x
HB0142-1	TC-F 	18, 24, 36,40	1x
HB0242-1	TC-F 	18, 24, 36,40	2x

## Wiring schematic

1. to connect 1 ballast with 1 sensor, the wiring should follow the below schematic:



To connect several ballast with 1 sensor, the wiring should follow the below schematic:



Or, like this:

