



ENGLISH
INSTRUCTION

EL-ECODIM-HQ
Dimmer for conventional electronic
energy saving lamps



READ BEFORE USE

Introduction:

This dimmer is easy to place on almost every regular wall mount box and dims light in a fluent way until desired level. Besides that several lamps can be parallel driven by one dimmer until 100 Watt.

This advanced product is suitable for all types and sizes energy saving lamps (except for Philips); also for use with filament lamps and low and high voltage halogen lamps.

Operation:

The rotary knob is also an on/off switch by pressing. Before switching on, turn the knob clockwise to maximum. The energy saving lamp need a certain time to heat up (depends on brand). By cold lamp dimming flicker can happen. After warm up the lamp can be dimmed by turn the knob counter clockwise.

Further depending on the universality of the dimmer and the wide range of supplier of lamps it can happen that some types will stop or flicker when the dimmer is turned to the absolute minimum. If this happens, see diagram 1.

Important advice:

During operation the dimmer gets warm as a part of the connected load is converted to heat as dissipated energy. The indicated nominal output applies to a dimmer installed in a solid masonry wall.

If the touch dimmer is installed in a wall made of expanded concrete, wood or gypsum plasterboard, the maximum of the connected load must be reduced by 20%. This corresponds to an output of 80 Watt.

The connected load must be always reduced if several dimmers are installed in series or if other heat sources should result in further heating.

In very warm rooms, the maximum connected load must be reduced in accordance with the diagram below (diagram 2).

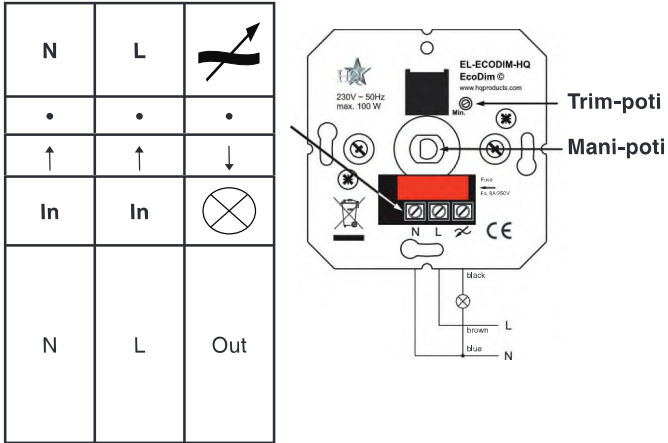
In case of an ambient temperature of 50°C, the admissible connected load is reduced to 57 Watt.

In case of an ambient temperature of 60°C, the admissible connected load is reduced to 28 Watt.



Attention! The dimmer should be only installed by an authorized electrician according to the attached installation instruction (diagram 1).


Diagram 1:



Calibration of the level threshold value:

1. Turn Main-pot and Trim-pot clockwise to maximum.
2. Turn Main-pot and Trim-pot counter clockwise to min. value.
3. Turn Trim-pot clockwise until the lamp flickering stops.

Diagram 2:

Important advice for load and temperature				
Watt	Ambient temp. (Icon)	Sort Wall	Dimmers at one place	
			Stone	Others
100	~ 35°C	Stone	1	-
< 85	~ 40°C	Others	2	1
< 57	~ 50°C			2
< 40	~ 58°C		3	3
< 28	~ 60°C			
< 20	~ 65°C		4	
The corresponding reduction of the connected load must be undertaken, as otherwise there will be the risk of fire.				
				

Technical data:

Nominal voltage: 230V~, 50Hz
 Nominal output: 100W
 Protection: T 800 mA / 250V
 Radio interference suppression: VDE 0875

Safety precautions:



To reduce risk of electric shock, this product should ONLY be opened by an authorized technician when service is required. Disconnect the product from mains and other equipment if a problem should occur.

Do not expose the product to water or moisture.

Warranty:

No guarantee or liability can be accepted for any changes and modifications of the product or damage caused due to incorrect use of this product.

General:

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Attention:

This product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collections system for these products.

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