Instruction manual LED line intermediate dimmer

Important*
Mount the dimmer according to the instructions below.
Make sure the chassis is screwed in before plugging it in.

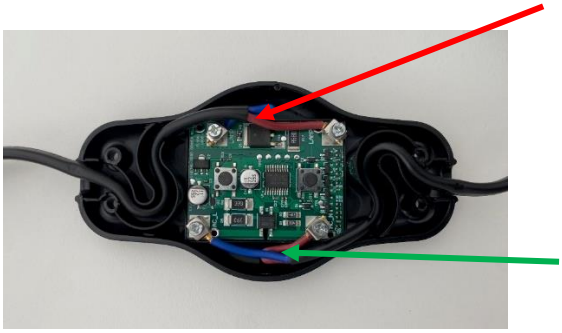
*Applies to separate dimmers or cable replacement only.

Introduction
The LED line intermediate dimmer is suitable for dimming all types of LED lamps up to a power of 100 W/VA.
The dimmer is easy to use. By briefly pressing the middle button, the connected lamp turns on or off. By pressing the button on the lamp side for a long time, the LED lamp increases the brightness. By pressing the button on the plug side, the LED lamp is dimmed. The dimming position is stored when the lamp is switched off and is the starting position when it's switched on again.

Most LED lights stop glowing even though the dimmer is not yet in final position. This is where our dimmer makes the difference.
There may be a slight difference between "dimmer-off" and "lamp-off". With some LED lamps, the LED already lights up at full strength, although the dimmer is only halfway through the maximum dimming position. Even longer shifts make no difference here. The same applies to dimming from full brightness. Often it takes a while, from the first touch of a button, until the lamp is visibly dimmed.
The maximum brightness is stored internally, so that the lamp reacts immediately to the press of the button the next time.

The dimmer is protected against overload.

Installation of cables when supplying a separate dimmer or replacing the mounted cables
Open the enclosure and remove the PCB. Cut the lamp cable in half at the desired location (tip: the most comfortable position for the dimmer is usually close to the lamp). Divide the two conductors of the cable on a length of about 2 cm and remove the jacket. Over a length of approx. 5 mm, the insulation of the two wires is removed. In the case of the stripped cores, attention should be paid to the clamping protection when screwing. This can be realized, for example, by ferrules.
On the side of the PCB labeled "AC_" comes the end of the cable that is connected to the connector. The cable end, which leads to the lamp side, is mounted on the side labeled "LAMP" on the circuit board.
Finally, the circuit board, as shown in the photo, is plugged into the housing and the cables are threaded into the strain reliefs.



The cable must not rest on the components of the board, otherwise the housing cannot be closed properly.

The cable does not rest on the components of the board and the housing can be closed.

Check the correct fit from the upper and lower parts to each other. When pressing the button, you should perceive the typical "click", then the circuit board sits correctly in the housing. Close the case with the four screws.

Plug in the power plug and the dimmer is ready to use. The sign "^" pointing to the lamp means dimming and the sign "v" pointing to the plug means dimming down.

Setting minimum and maximum brightness
When switched off, the center of the pusher is pressed and released for 5 seconds, after which the LED starts flashing. By briefly pressing the center of the button twice, the LED flashes rhythmically twice to indicate that the settings of the dimmer have been reset and that it can be reprogrammed.
By pressing the button on the connector side, you set the minimum brightness and confirm it by briefly pressing the center of the button three times. The LED flashes rhythmically three times to confirm and save the setting.
To set the maximum brightness, repeat the process. However, the maximum brightness is confirmed by moving the pusher four times. The setting is confirmed by flashing four times. To finish the setup, press the middle button for about 5 seconds, otherwise the dimmer will return to the original setting after 30 seconds.

	Press button	Lamp (flashing)
Min/Max Brightness		
Programming Mode	~ 5 sec	1x
Reset Min/Max	2x	2x
Min. brightness	3x	3x
Max Brightness	4x	4x
Exiting programming mode	~ 5 sec	/

Specifications
Voltage: 230 VAC +/- 10%
Power: 100 W/VA
Dimensions: L/W/H 100 x 52 x 19 mm

Subject to technical modifications! The connection to the 230 V mains may only be carried out by a qualified electrician!

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