






TWILIGHT SWITCH FOR USE WITH LED LIGHTING

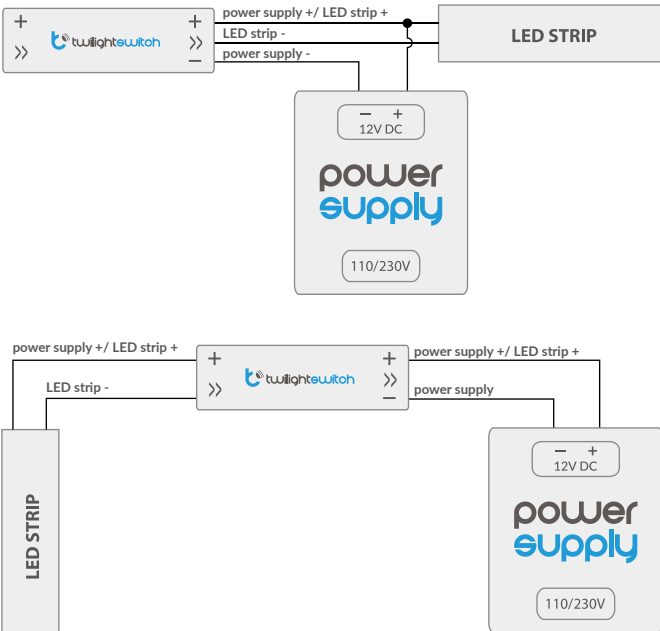
### SAFETY RULES


-  Do not connect the device to loads exceeding the permitted values.
-  Connect only in accordance with the diagram presented in the manual. Improper connections may be dangerous, it can damage the controller, and loss of the warranty.
-  **DANGER! Risk of electric shock! Even with the device turned off, the outputs may be live. All assembly work should be ALWAYS performed with the disconnected power circuit.**
-  Connecting the device to a power supply that does not meet the quality requirements specified in EN 50081-1, EN 50082-1, UL508, EN 60950 will invalidate the warranty.

 Installation near black surfaces is not recommended.

- Connect the device to the power supply and check id works properly.

### CONNECTION DIAGRAM



 Attention! When soldering the wires be careful not to overheat the controller board.

### TECHNICAL SPECIFICATIONS

supply voltage	12-24V DC
energy consumption	< 0,1W
maximum current	5A
maximum power	60-120W
sensor	optical, photodetector
calibration	automatic
mounting method	in LED profile / heat-shrink tubing
connection method	soldering, screw terminal *
dimensions	34 x 8 x 3 mm
protection level	IP00
controller operating temperature	from -20°C to +50°C

for more information visit our website

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 support is available at [support@blebox.eu](mailto:support@blebox.eu)

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## 1 INSTALLATION

- Before installing the controller, disconnect the voltage in the supplied circuit. Remember that all assembly work should be carried out with the power supply disconnected.
- The controller should be mounted in a place protected from adverse environmental conditions, protected from access by third parties - in the LED profile or in the interior of the transparent housing of the controlled device. It is advisable that the device is mounted in a stable and stationary position.
- Familiarize yourself with the diagram and then proceed with the assembly of the controller. Pay special attention to the designation of the controller connectors. Start by connecting the power wires: (+) (red or black with a white dotted line) and (-) (black).
- Connect (paying attention to polarity) the LED strip. The device is equipped with a strip of adhesive tape on the underside. Before sticking the controller, clean and dry the surface to which it will stick. Remove the protective film, glue it in the chosen place and hold for a few seconds. Installation near black surfaces is not recommended.