





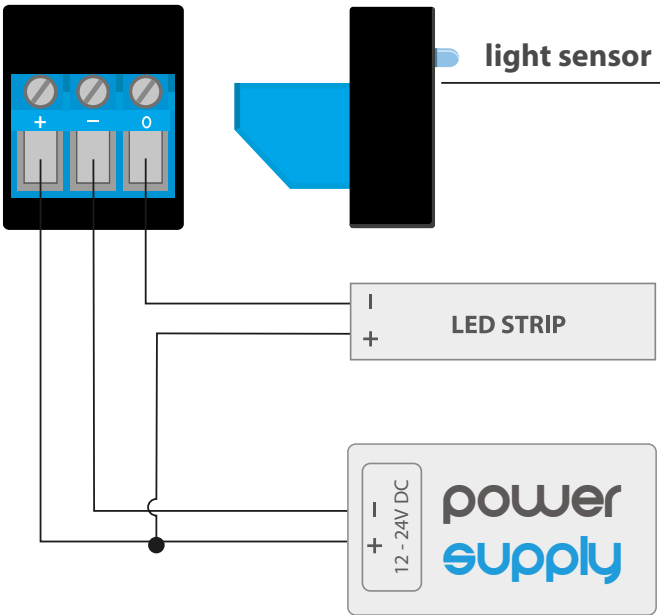
TWILIGHT SWITCH FOR LED LIGHTING

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.

TECHNICAL SPECIFICATIONS	
supply voltage	12-24V DC
maximum power	60-120W
maximum current	5A
energy consumption	< 0,1W
sensor	optical, twilight
calibration	automatic
dimensions	23 x 17 x 22 mm
mounting method	IP20
mounting method	In the housing of another device, in the installation box
connection method	screw joint
housing	made of polyurethane composition not containing halogens, self-extinguishing for thermal class B (130 °C)
controller operating temperature	from -20°C to +50°C

CONNECTION DIAGRAM



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## 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 (pay attention to the polarity) the LED strip. Mount the device in the target place using e.g. double-sided adhesive tape. The light sensor is located on the bottom of the device.
- Connect the device to the power supply and check it works properly