twilightcompact

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.
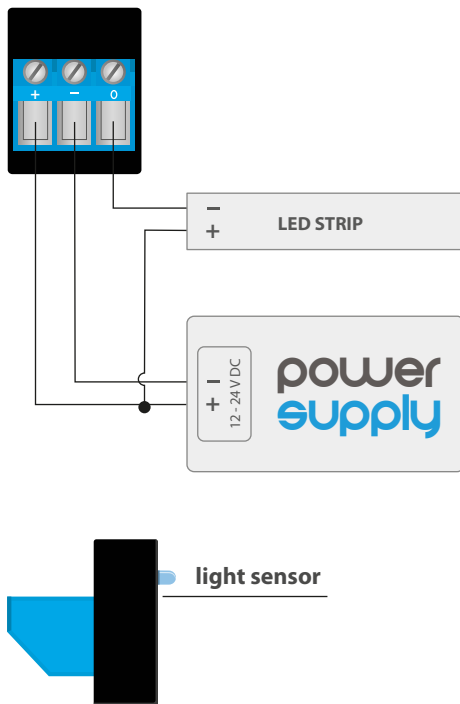
⚠ Connecting the device to a power supply that does not meet the quality requirements specified in EN 50081-1, EN 50082-1, UL508, EN 60950 will invalidate the warranty.

CONNECTION SCHEME

LED STRIP

power supply
12 - 24 V DC

light sensor

TECHNICAL SPECIFICATIONS

supply voltage	12 - 24 V DC
maximum power	60 - 120 W
maximum current	5 A
energy consumption	< 0,1 W
sensor	optical, twilight
calibration	automatic
dimensions	23 x 17 x 22 mm
protection level	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	od -20°C to +50°C

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. 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 id works properly

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