

Technical data

CODE:

922216

PRODUCT:

TWILIGHT SWITCH

NOTE:

TECHNICAL DATA

IMAGE:**LAST UPDATE:**

5/2026

AZH-MINI-LED

CE

PURPOSE

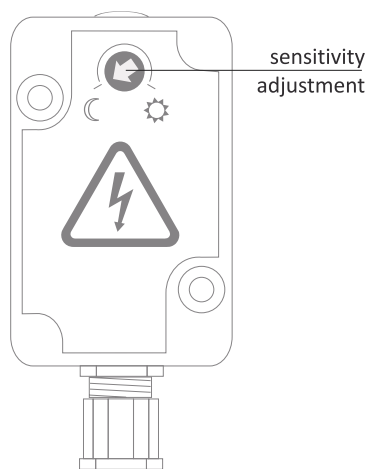
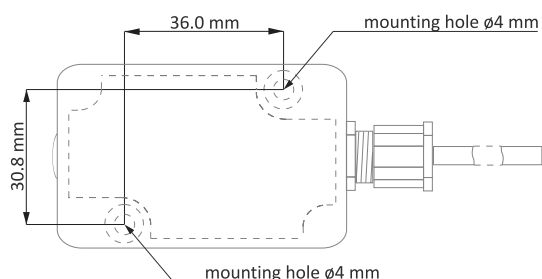
The AZH-MINI-LED is a twilight switch with a built-in light sensor, enclosed in a hermetically sealed housing and specially adapted to switch on the LED lighting. By using a switching element that guarantees correct operation with current pulses up to 120 A/20 s, the AZH-MINI-LED automatic switch successfully manages to switch on and off the LED lighting, which, despite its energy efficiency generates at the moment of switching strong current surges that effectively destroy classic relays.

Application

The twilight switch should be placed in a place with constant access to natural daylight. Changes in its intensity will cause the lighting to switch on and off. The time of switching on the lighting can be set by the user using the knob located inside the device. Turning the knob towards the "moon" will switch the lighting on later, turning the knob towards the "sun" will switch it on earlier. The twilight switch has a system that delays switching on and off of the lighting, thus reducing the impact of various interference (such as atmospheric discharges) on the operation of the machine.

MOUNTING

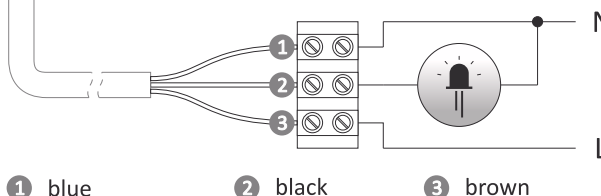
1. Turn off the power supply.
2. Unscrew the front of the device (4 screws). Inside the device you will see 2 holes for screwing the device to the wall.
3. Connect the wires according to the diagram. Properly insulate the connection point of power supply cables with the cables of twilight switch or connect them in a hermetic distribution box.
4. Use the knob to set the tripping threshold.



Special care must be taken if the adjustment is made while the power is on. Be sure to use insulated screwdrivers and do not touch anything except the knob.



Connection diagram



Technical data

Power supply	165÷265 V AC
Maximum load current (AC-1)	16 A
Switch-on threshold (adjustable)	2÷1000 lx
Hysteresis	approx. 15 lx
On delay	approx. 10 s
Off delay	approx. 20 s
Resistance to current shocks	120 A/20 s
Power consumption	0,6 W
Terminal	OMY 3×0,75 mm ² , l=0,5 m
Working temperature	-25÷50°C
Dimensions	42x64x30 mm
Mounting	surface-mounted
Protection level	IP65

Power table

tungsten	halogen	fluorescent	energy-saving	LED
1500 W	1000 W	500 W	300 W	300 W

The above data are indicative and will heavily depend on the design of a specific receiver (that is especially important for LED bulbs, energy-saving lamps, electronic transformers and pulse power supply units), switching frequency and operating conditions.

WARRANTY

Product is covered by a warranty of the 24 months from the date of purchase. Effective only with proof of purchase. Contact your dealer or directly with us.