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AZH-MINI-LED

Hermetic dusk-to-dawn sensor

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Twilight automat **for switching on LED lighting.**

Power supply: **165 ÷ 265 V AC**

Maximum load: **10 A.**

Photosensitive element: **built-in**

Housing: **hermetic miniature**

Installation: **surface mounted**

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.

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DESCRIPTION

AZH-MINI-LED is a twilight automatic with built-in light sensor. It has a hermetic housing. It is adapted for switching LED lighting.

Why does LED lighting require specialized apparatus?

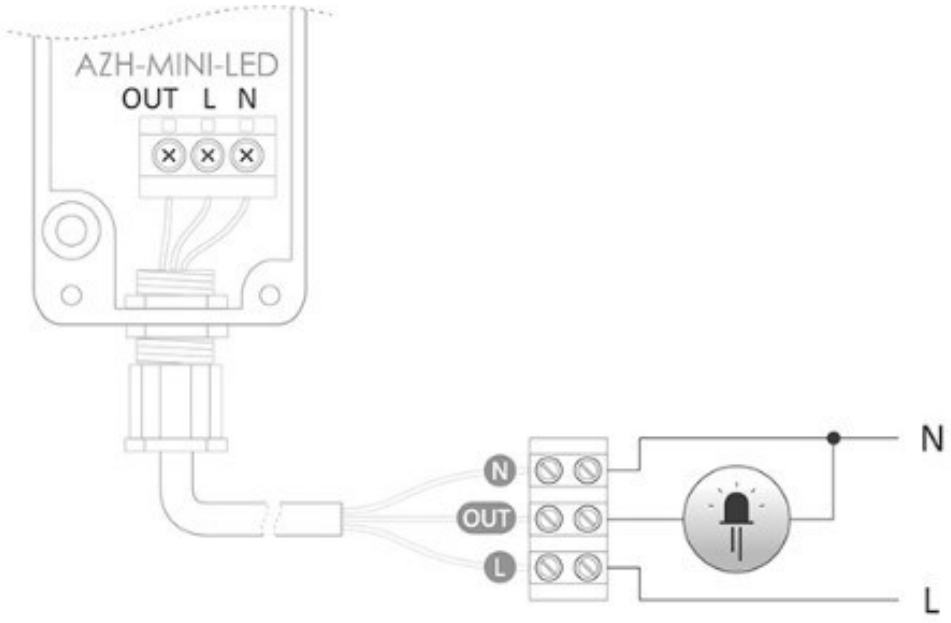
The advantage of LED light sources is energy efficiency. However, **LED lighting generates strong current surges** when switched on. When we use a classic relay, it will simply be destroyed. How does AZH-MINI-LED handle the switching on and off of LED lighting? Miniature twilight automatic It is equipped with a **switching element**. It guarantees correct operation with current pulses of up to 120 A/20 ms.

Operation

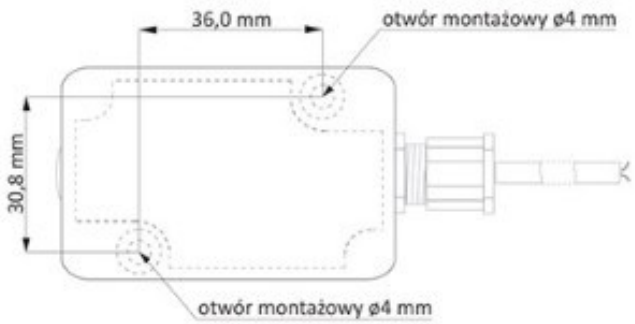
Mount the automat in a place **with constant access to natural daylight**. Changes in its intensity will switch on and off artificial lighting. The time of switching on the light can be set **using the knob** located inside the device. Turn towards the "moon" - the light will turn on later. Turning towards the "sun" - the light will switch on earlier.

AZH-MINI-LED twilight automatic **device** is equipped with **a system that delays switching on and off the lighting**. In this way the influence of interference (e.g. lightning) on its operation has been reduced.

SCHEME


AZH-MINI-LED
OUT L N
N
OUT
L
N
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regulacja
czułości


36,0 mm
otwór montażowy ø4 mm
30,8 mm
otwór montażowy ø4 mm

TECHNICAL DATA

Switch-off delay	20 s
Switching-on delay	10 s
Max. switching power	4000 W
Suitable for C-load	Tak
Halogen free	Tak
RAL-number (similar)	9003
Nominal voltage	230 V
Max. switching current (resistive load)	16 A
Engaging brightness	2-1000 lx
Switching-off brightness	2-1000 lx
Operating temperature	-25-50 °C
Type of sensor	Built-in light sensor
Contacts	1 make contact (NO)
Mounting method	Surface mounted
Material	Plastic
Material quality	Thermoplastic
Surface protection	Untreated
Colour	White
Suitable for degree of protection (IP)	IP65
Max. switching power LED	400 W
Width	42 mm
Height	64 mm
Depth	30 mm
Diameter	0 mm
Min. depth of built-in installation box	0 mm

Manual

CE declaration

Certificate

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