



F&F Filipowski sp.k., ul. Konstantynowska 79/81, 95-200 Pabianice, tel.: +48 (42) 214 90 37, e-mail: [biuro@fif.com.pl](mailto:biuro@fif.com.pl), [www.fif.com.pl](http://www.fif.com.pl)

---



## AWZ

**Hermetic dusk-to-dawn sensor**

**Index: AWZ**

---

Power supply: **195÷253 V AC**

Maximum load: **16 A**

Photosensitive element: **built-in**

Housing: **hermetic**

Mounting: **surface** mounted

**Twilight automatic (switch)** is used to control light sources or other energy receivers depending on the intensity of lighting - it turns off at dawn and turns on at dusk.



5 908312 591047 >

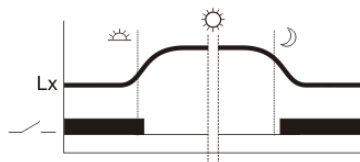
### DESCRIPTION

#### Enclosure:

Relay in box with special sealing flange, fastened to the substrate by two screws, closed by a cover with silicon gasket and tightened by 4 screws.

#### Functioning:

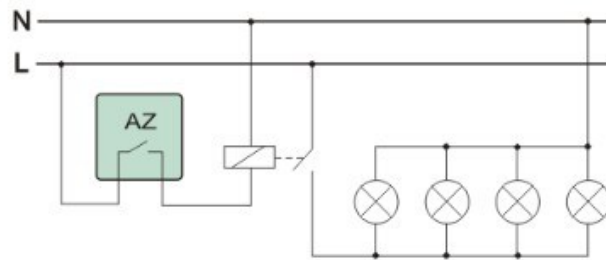
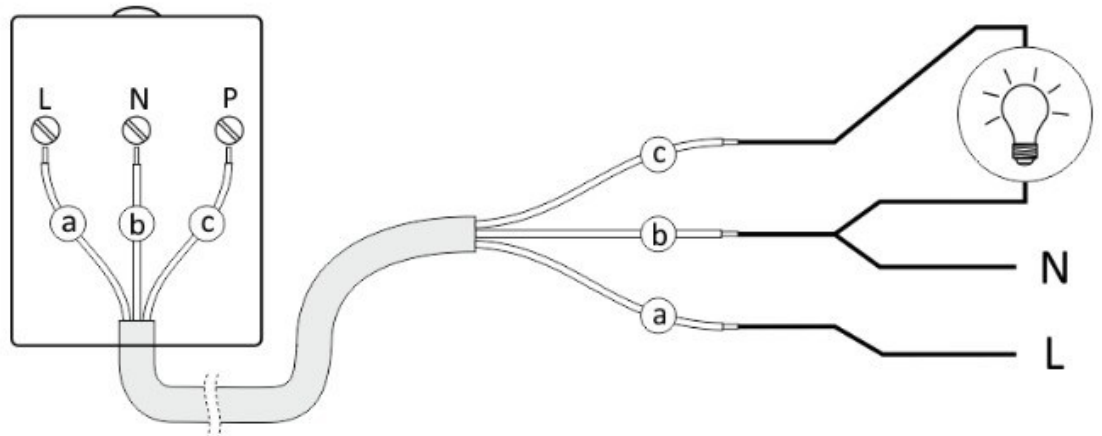
The relay should be situated at place with permanent access to day light, which, due to its changes of intensity, will cause switching ON and OFF the lighting. The exact time of switching the lighting can be set by potentiometer by the user. Turn in the direction of "half moon" will delay switching-ON, turning in the direction of "sun" will advance switching-ON. The relay is equipped with a delay system, which delays switching ON and OFF the lighting, thus eliminating the influence of accidental disturbances like thunder lightings on the relay functioning.



#### Attention!

In the case of control measures light dependent relay tightly cover the entire appliance, such as a cardboard box or a dark, thick cloth. Cover only the "eye" the probe, such as the finger is not enough, because the intensity of sunlight is very strong and is passes to f by a plastic cover and the human body.

# SCHEME



*Układ sterowania stycznikiem załączającym odbiorniki o łącznym poborze prądu przewyższającym dopuszczalne obciążenie styku automatu zmierzchowego*

## TECHNICAL DATA

Engaging brightness	2-1000 lx
Switching-off brightness	2-1000 lx
Switch-off delay	20 s
Switching-on delay	10 s
Max. switching power	4000 W
Suitable for C-load	Nie
Halogen free	Tak
Nominal voltage	230 V
Max. switching current (resistive load)	16 A
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	Grey
Suitable for degree of protection (IP)	IP65
Max. switching power LED	250 W
Width	64 mm
Height	88 mm
Depth	37 mm
RAL-number (similar)	7035
Diameter	0 mm
Min. depth of built-in installation box	0 mm
Opis długi	<p>Enclosure: Relay in box with special sealing flange, fastened to the substrate by two screws, closed by a cover with silicongasket and tightened by 4 screws.</p> <p>Functioning: The relay should be situated at place with permanent access to day light, which, due to its changes of intensity, will cause switching ON and OFF the lighting. The exact time of switching the lighting can be set by potentiometer by the user . Turn in the direction of "half moon" will delay switching-ON, turning in the direction of "sun " will advance switching-ON. The relay is equipped with a delay system, which delays switching ON and OFF the lighting, thus eliminating the influence of accidental disturbances like thunder lightings on the relay functioning. Attention! In the case of control measures light dependent relay tightly cover the entire appliance, such as a cardboard box or a dark, thick cloth. Cover only the "eye" the probe, such as the finger is not enough, because the intensity of sunlight is very strong and is passes to f by a plastic cover and the human body. null</p>
Opis krótki	<p>Power supply: 195÷253 V AC Maximum load: 16 A  Photosensitive element: built-in Housing: hermetic  Mounting: surface mounted Twilight automatic (switch) is used to control light sources or other energy receivers depending on the intensity of lighting - it turns off at dawn and turns on at dusk. null</p>

