

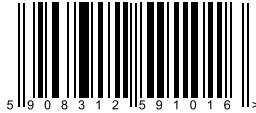


F&F Filipowski sp. j.  
 Konstantinowska 79/81 95-200 Pabianice  
 tel/fax +48 42 2152383; 2270971 POLAND  
 http://www.fif.com.pl e-mail: fif@fif.com.pl

**LIGHT DEPENDENT RELAY**  
 hermetic

**AZH-106**

**WARRANTY.** The F&F products are covered by the 24 months warranty from date of purchase. Effective only with proof of purchase. Contact your dealer or directly from us. For more information on the procedures for filing complaints on [www.fif.com.pl/reklamacja](http://www.fif.com.pl/reklamacja)



**Do not dispose of this device in the trash along with other waste!** According to the Law on Waste, electro coming from households free of charge and can give any amount to up to that end point of collection, as well as to store the occasion of the purchase of new equipment (in accordance with the principle of old-for-new, regardless of brand). Electro thrown in the trash or abandoned in nature, pose a threat to the environment and human health.

**Purpose**

Light dependent relay servers to switch -ON the lighting of streets, squares, shop windows, neon lamps etc, at twilight and to switch -OFF afore mentioned lighting at dawn.

**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.

**Assembly**

1. To turn OFF supply.
2. The relay fast upright (connection to down) to the substrate by two screws at place with permanent access to day light, which due to its changes of intensity, will cause switching ON and OFF the lighting.
3. The relay connect with connection diagram. The place of connection power and relay cables safely insulate in hermetic box.
4. To take out a gum pin which protect a potentiometer.
5. By screwdriver set to switching threshold.
6. Put on a gum pin after set.

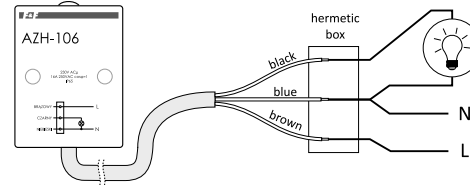
**ATTENTION!**

In the case of check the power to act the relay, all relay should be securely covered, e.g. by carton or dark mine cloth. Covered just probe „eye“, e.g. by finger is insufficient because intensity of day light is very intense and penetrate to fotoresistor by the plastic box and human body.

**Technical data**

supply	230V AC
current load	<16A
switching threshold (setting range)	2±100Lx
switching threshold (factory setting)	aprox. 7Lx
hysteresis	aprox. 15Lx
switching ON delay	1±15sec
switching OFF delay	10±30sec
power consumption	0,56W
connection	OMY 3×1mm <sup>2</sup> ; l=0,8m
working temperature	-25÷50°C
dimensions	50×67×26mm
fixing	two screws to substrate
protection level	IP65

**Connection diagram**



**Power of receivers**

tungsten	halogen	fluorescent	ESL	LED
2300W	1500W	750W	450W	450W

D140516