



F&F Filipowski sp. j
ul. Konstantynowska 79/81
95-200 Pabianice POLAND
tel/fax 48 42 2270971
e-mail: fif@fif.com.pl

AZH-106

LIGHT DEPENDENT RELAYS hermetic



www.fif.com.pl

F&F products are covered by an 24 months warranty from date of purchase

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. 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.
2. To turn OFF supply.

ASSEMBLY

3. The relay connect with wiring diagram. The place of connection power and relay cables safely isolate 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.

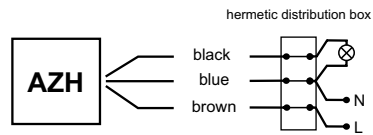
ATTENTION!

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	230VAC
current load	<16A
switching threshold (setting range)	2÷1000Lx
switching threshold (factory setting)	aprox. 7Lx
hysteresis	aprox. 15Lx
switching ON delay	1÷15sec
switching OFF delay	10÷30sec
power consumption	0,56W
protection level	IP65
connection	OMY 3×0,75mm ² ; l=0,8m
working temperature	-25÷50°C
dimensions	50×67×26mm
fixing	two screws to substrate

WIRING DIAGRAM



A090331