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LIGHT DEPENDENT RELAY
hermetic

AZH-C

WARRANTY. The F&F products are 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. More information how to make a complaint can be found on the website: www.fif.com.pl/reklamacja



Do not dispose of this device to a garbage bin with other unsorted waste!
In accordance with the Waste Electrical and Electronic Equipment Act any household electro-waste can be turned in free of charge and in any quantity to a collection point established for this purpose, as well as to the store in the event of purchasing new equipment (as per the old for new rule, regardless of brand). Electro-waste thrown in the garbage bin or abandoned in the bosom of 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.

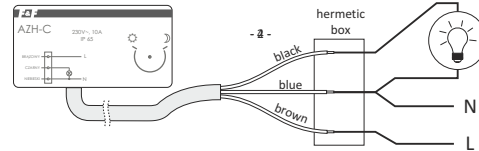
ATTENTION!

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	<10A
switching threshold (setting range)	2÷1000Lx
switching threshold (factory setting)	aprox. 7Lx
histeresis	aprox. 15Lx
switching ON delay	1÷15sec
switching OFF delay	10÷30sec
power consumption	0,56W
connection	OMY 3×0,75mm ² ; l=0,5m
working temperature	-25÷50°C
dimensions	81×33×25mm
fixing	two screws to substrate
protection level	IP65

Connection diagram



Power of receivers

tungsten	halogen	fluorescent	ESL	LED
1500W	1000W	500W	300W	300W