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AZH-S-PLUS-12V

12V dusk-to-dawn sensor

Index: AZH-S-PLUS-12V

With hermetic probe.

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

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DESCRIPTION

Functioning

The probe of 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.

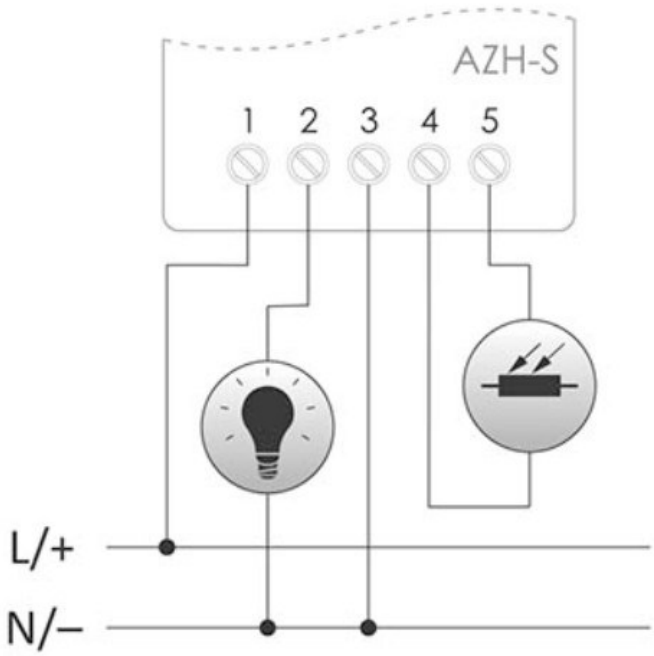
In the case of check the power to act the relay, all relay should be securely covered, e.g. by carton or dark mine cloth. Covered just probe „eye'', e.g. by finger is insufficient because intensity of day light is very intense and penetrate to fotoresistor by the plastic box and human body.

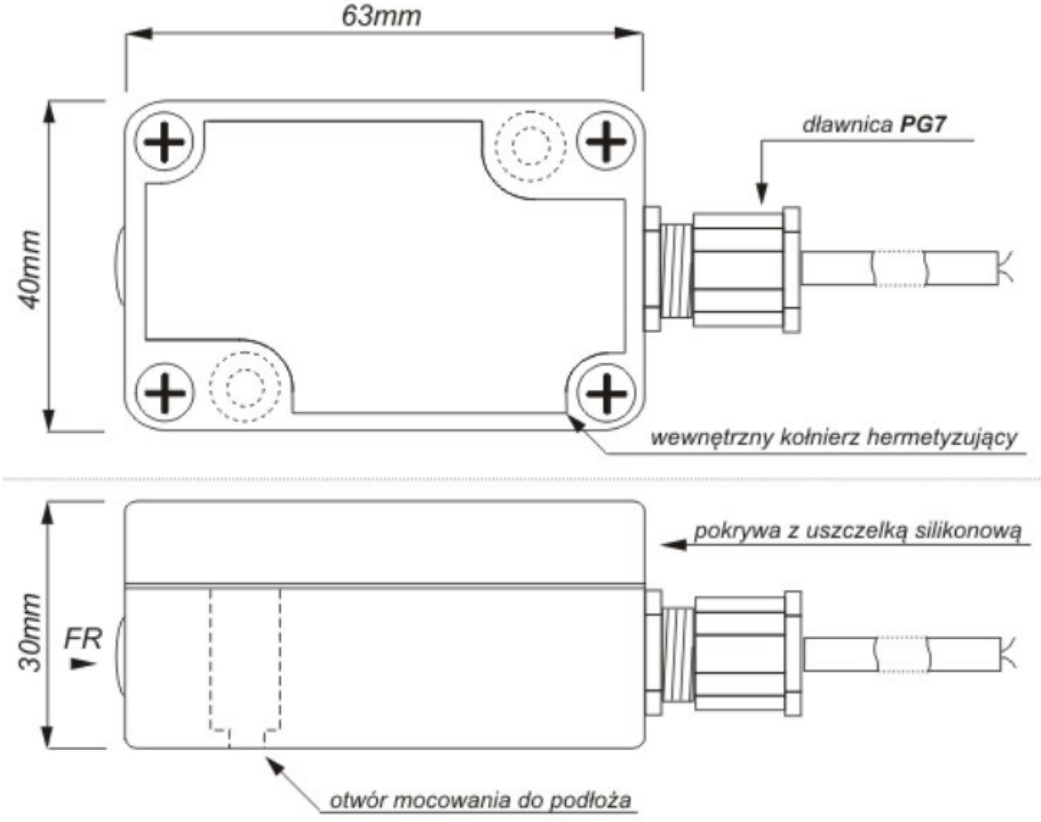
External, hermetic probe PLUS

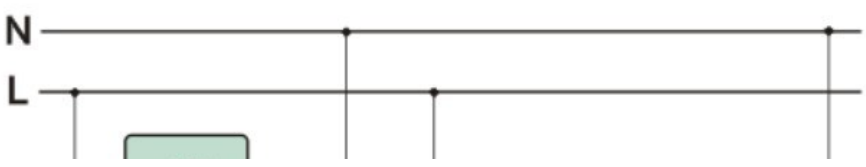
The photosensitive sensor in a special, small plastic box. Connected with round cable, max. ø7 (such as 2×0.5 mm²), through the PG7 cable gland.

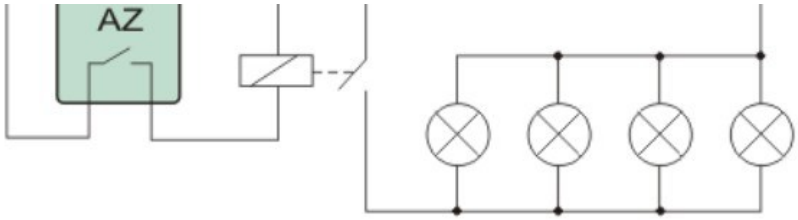
Box with a special sealing flange, fixed to the base by means of 2 screws, closed with a cover with silicone gasket using 4 screws.

SCHEME


AZH-S
1 2 3 4 5
L/+
N/–


63mm
40mm
dławnica PG7
wewnętrzny kołnierz hermetyzujący
30mm
FR
pokrywa z uszczelką silikonową
otwór mocowania do podłoża


N
L



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
Suitable for C-load	Nie
Halogen free	Tak
Operating temperature	-25-50 °C
Nominal voltage	12 V
Contacts	1 make contact (NO)
Max. switching current (resistive load)	16 A
Switching-on delay	10 s
Switch-off delay	20 s
Max. switching power	4000 W
Max. switching power LED	250 W
RAL-number (similar)	7035
Width	51 mm
Height	67 mm
Depth	25.5 mm
Type of sensor	Separate light sensor
Mounting method	Surface mounted
Material	Plastic
Material quality	Thermoplastic
Surface protection	Untreated
Colour	Grey
Suitable for degree of protection (IP)	IP20
Diameter	0 mm
Min. depth of built-in installation box	0 mm