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AZH-S-PLUS

Dusk-to-dawn sensor

Index: AZH-S-PLUS

Power supply: **195÷253 V AC**

Maximum load: **16 A**

Mounting: **surface**

PLUSexternal probe included.

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



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DESCRIPTION

Functioning

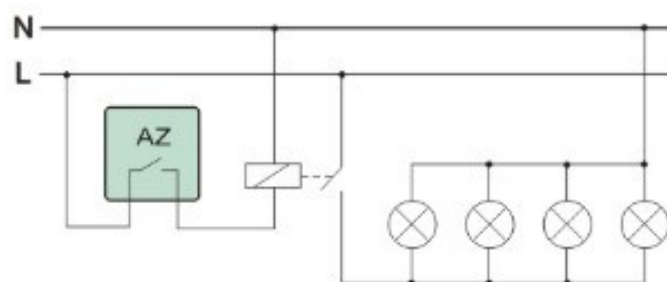
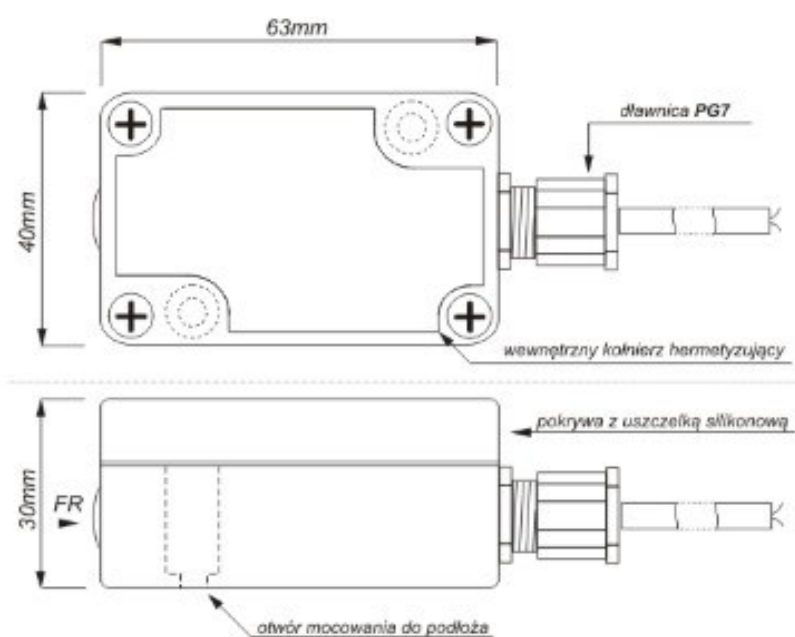
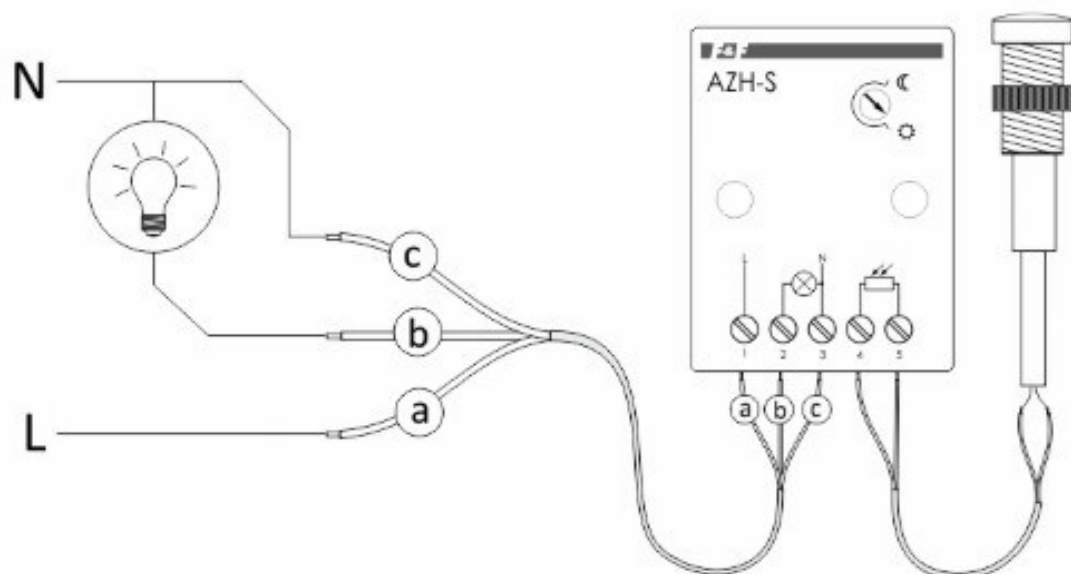
The probe of relay should be situated at place with permanent access to day light, which, due to its changes of intensity, will cause switching ON and OFF the lighting. The exact time of switching the lighting can be set by potentiometer by the user. Turn in the direction of "half moon" will delay switching-ON, 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. $\varnothing 7$ (such as $2 \times 0.5 \text{ mm}^2$), 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.



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

TECHNICAL DATA

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
Engaging brightness	2-1000 lx
Type of sensor	Separate 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)	IP20
Switching-off brightness	2-1000 lx
Operating temperature	-25-50 °C
Max. switching power LED	250 W
Width	51 mm
Height	67 mm
Depth	25.5 mm
RAL-number (similar)	7035
Diameter	0 mm
Min. depth of built-in installation box	0 mm
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