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AZH-12V

Hermetic dusk-to-dawn sensor

Index: AZH-12V

Power supply: **11÷14 V AC/DC**

Maximum load: **10 A**

Photosensitive element: **built-in**

Housing: **hermetic**

Mounting: surface mounted

Twilight automatic device is used to control light sources or other energy receivers depending on the light intensity - it turns off at dawn and turns on at dusk.

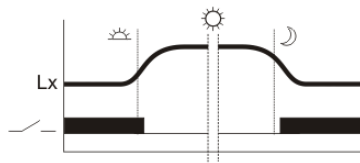


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DESCRIPTION

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.



Attention!

In the case of control measures light dependent relay tightly cover the entire appliance, such as a cardboard box or a dark, thick cloth. Cover only the "eye" the probe, such as the finger is not enough, because the intensity of sunlight is very strong and is passes to f by a plastic cover and the human body.

Attention!

There is possibility of a special implementation of automatic voltage zmierzchowych other than those indicated in the table of technical data, such as 12V, 24V, 48V and 110V AC/DC and others.

TECHNICAL DATA

Switch-off delay	20 s
Switching-on delay	10 s
Max. switching power	2500 W
Suitable for C-load	Nie
Halogen free	Tak
Nominal voltage	12 V
Max. switching current (resistive load)	10 A
Engaging brightness	2-1000 lx
Type of sensor	Built-in 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)	IP65
Switching-off brightness	2-1000 lx
Operating temperature	-25-50 °C
Max. switching power LED	150 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

Manual

CE declaration

Certificate