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AZ-112-PLUS

Dusk-to-dawn sensor

Index: AZ-112-PLUS

Power supply: **195÷253 V AC**

Maximum load: **16 A**

Mounting: **on 35 mm rail**

With external probe **PLUS** included.

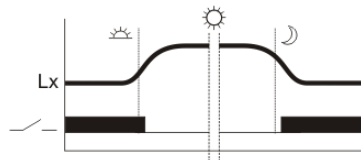
Twilight light switch is used to control **light sources** or other energy consumers depending on the intensity of **daylight** - it turns off **lighting** at dawn and turns on at dusk.



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.



Attention!

In case of the length of the cable probe longer than 10m, should not be lead close to parallel power cable.

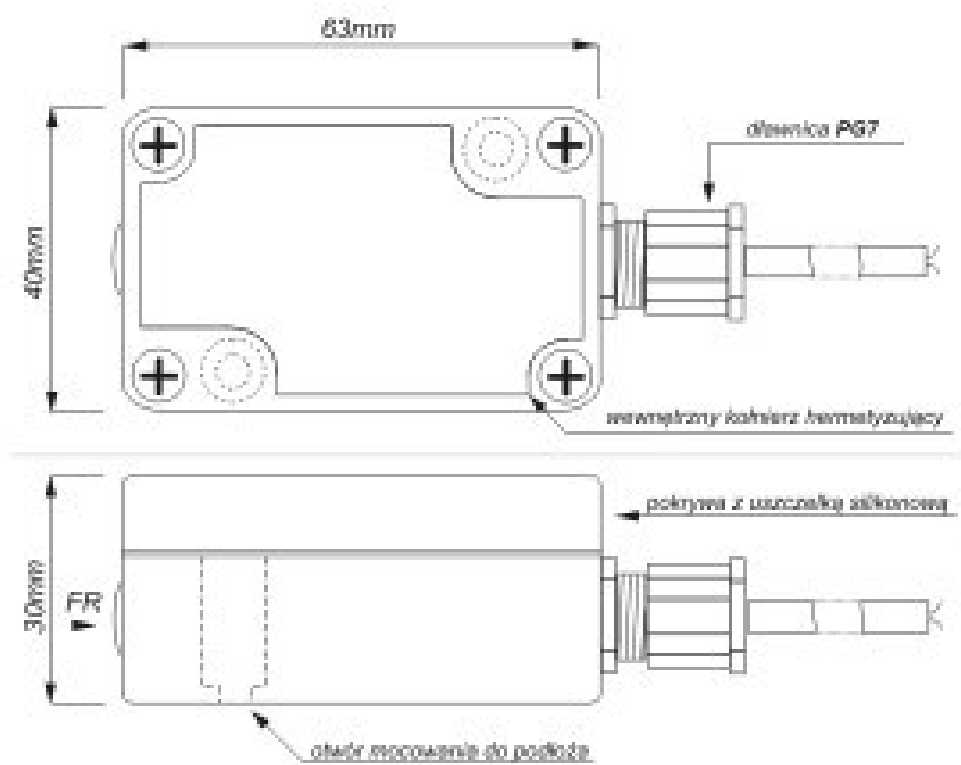
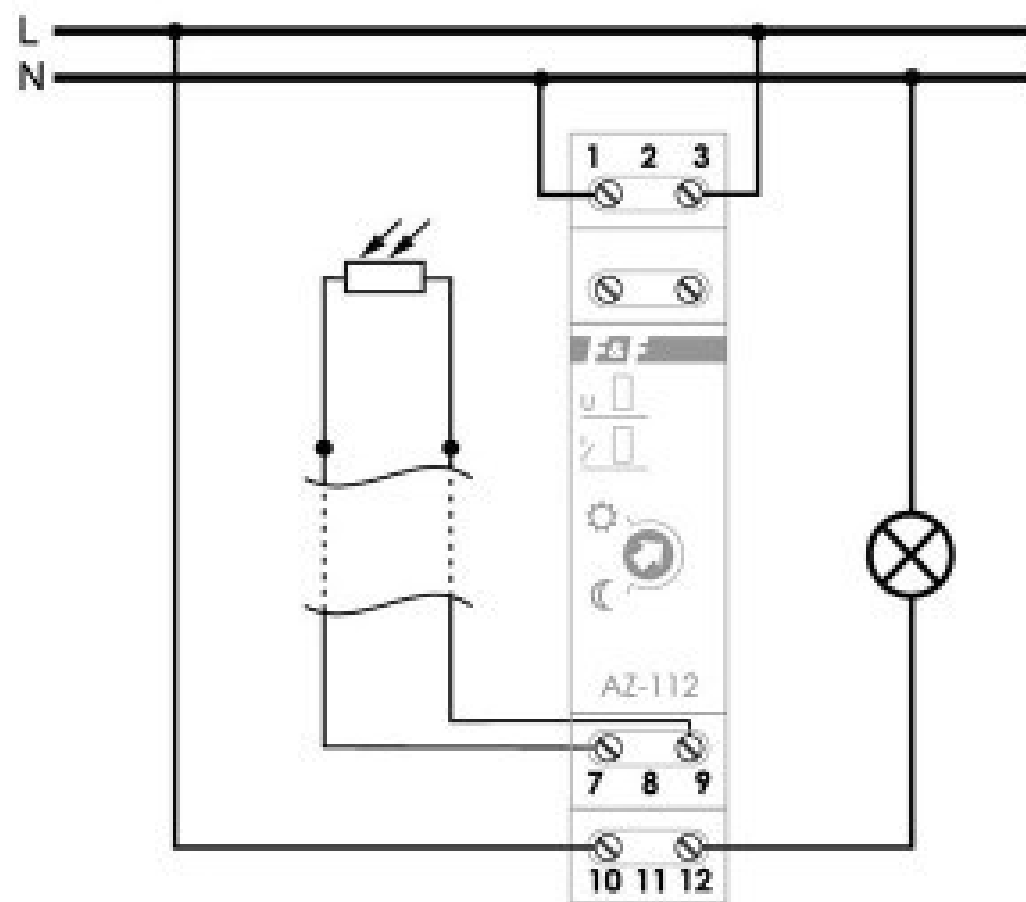
Attention!

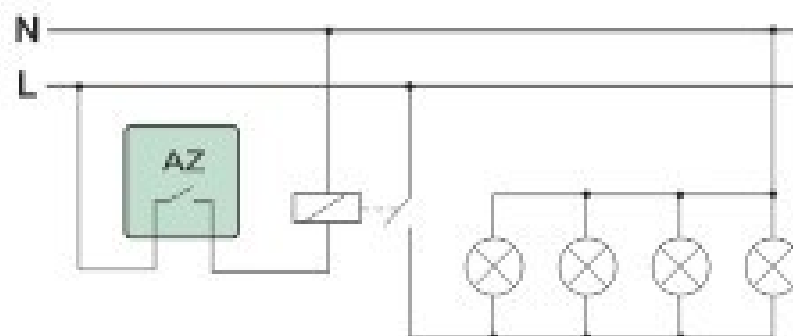
In the case of control measures light dependent relay tightly cover the entire appliance, such as a cardboard box or a dark, thick cloth. Cover only the "eye" the probe, such as the finger is not enough, because the intensity of sunlight is very strong and is passes to f by a plastic cover and the human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

Attention!

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

Schemat podłączenia





Układ sterowania słycznkiem złączającym odbiorniki o łącznym poborze prądu przewyższającym dopuszczalne obciążenie styku automatu zmierzchowego

TECHNICAL DATA

Rated voltage	230 V
Rated frequency	50-50 Hz
Max. incandescent lamp load	2000 W
Max. load fluorescent lamp	600 VA
Max. load fluorescent lamp (parallel compensated)	750 VA
Rated switch current	16 A
Adjustment range brightness value	2-1000 lx
Width in number of modular spacings	1
Mounting method light sensor	Other
Mounting method	DIN rail
Degree of protection (IP)	IP20
Degree of protection (IP) light sensor	IP65
Max. switching power LED	250 W
Max. switching current (cos phi = 0.6)	12 A
Max. conductor length light sensor	10 m
Built-in depth	65 mm
Max. load fluorescent lamp (Duo circuit)	0 VA
Rated voltage light sensor	0 V