



### ASO series

### Photo Electric Control Switch

The ASO Photo-electric lighting control consists of a sealed CDS photocell and a Snap action bimetallic relay. The unit automatically turns on or off the lighting according to the light intensity changes.

#### Action parameters

- When the ambient light intensity 80Lux-150Lux, Photo-electric switch will be turned off within 10min
- When the ambient light intensity 3Lux-5Lux, Photo-electric switch will be turned on within 10min.

## Description

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|---|-----------------|
| • Electric light control switch   | • CDS photocell |
| • Suitable for street lighting, factories, gardens, ports, airports, farms, parks, any other place which needs to automatically control the lighting. |                 |
| • Automatically turn on or off the load circuit according to changes in light intensity   |                 |
| • Delay function can resist interference according to the short-term ambient light intensity changes.   |                 |

## Product selection

Product Type	Rated current	Rated voltage
ASO-2203	3A	220VAC 50Hz
ASO-2206	6A	
ASO-22010	10A	
ASO-22015	15A	
ASO-22020	20A	
ASO-1103	3A	110VAC 50Hz
ASO-1106	6A	
ASO-11010	10A	
ASO-11015	15A	
ASO-11020	20A	

### Technical date

Contact form	SPST
Power Consumption	ASO-2203-22015: 5VA
	ASO-22020: 10VA
Contact resistance	$\leq 50\text{m}\Omega$
Life	Electrical $1 \times 10^5$ times
	Mechanical $5 \times 10^6$ times
Dielectric strength	Between open contacts :1000VAC rms
Insulation resistance	$\geq 100\text{M}\Omega$ (DC 500V)
Mounting	Screw mounting bracket
Type of protection	IP 53
Ambient temperature	$-10^\circ\text{C} \sim +50^\circ\text{C}$
Ambient humidity	35~85%RH

### Wiring diagram

