



MODEL :  PSA - 6A  
 PSA-10A  
 PSA-16A  
 CODE : 11A1  
 WEIGHT : 95 gr  
 (67X80) mm  
 IP 53

VER:9801

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**Features**

- Shiva Amvaj Photo Switch is the best device to control luminance system at sunrise and sunset available in three models with different Amperes.
- Having:
  - Principled compromise number 15270 confirmed by ministry of industry
  - Certification of industrial scientific research organization of Iran
  - Export official permission confirmed by commercial ministry
  - Confirmation of operation quality from electrical distribution companies across the country.
- Made of best materials and resistant components protected against sunlight and natural factors

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**Technical Specifications**

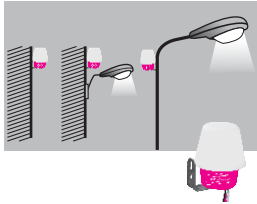
- Supply voltage : 180-250 VAC / 50-60 HZ
- Light intensity for
  - Connection (sunset): ≈ 12LUX
  - Disconnection (sunrise): ≈ 40LUX
- Delay at
  - Connection : ≈ 30sec
  - Disconnection : ≈ 30sec
- Efficiency at
  - Temperature : -20°C .. +65°C
  - Humidity : 70%
- Relay output
  - 6A : PSA-6A model with fuse
  - 10A : PSA-10A model
  - 16A : PSA-16A model

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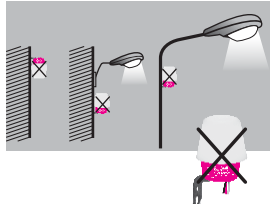
**Installation Instruction**

Installation location is very important. Obey following items when installing:  
 1-Must be installed in outdoor area and at proper altitude.  
 2-Don't expose it to straight light or close to adjacent lamps.  
 Pay attention to following images:

**Correct installation**



**incorrect installation**



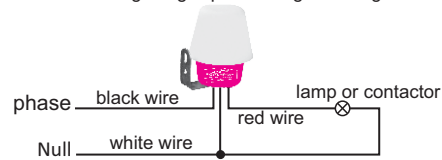
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After choosing installation location, install the metal clamp by screw and bolt or dowel embedded inside package in a proper direction considering image.

**Warning:** if dowel is installed incorrectly, photo switch is going to be upside-down little by little and its efficiency decreases.

**Wiring and test instruction**

After installing, connect wires based on following image. Then place the black plastic embedded in the box on Photo Switch. About 30sec later Photo Switch is going to be turned on and about 30sec later by removing black cover and getting exposed to light shining will be turned off.



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**Load Table of Shiva Amvaj Photo Switch**

Load Model	Incandescent lamp 100W	Spotlight 50W	Fluorescent 80W	Halogen 20W	Energy-saving lightbulb-20W
PSA - 6A	10	15	4	—	—
PSA-10A	20	30	8	3	—
PSA-16A	30	45	12	5	2

**Warning :** match your output load according to Table, if the number of users are more, use a contactor.

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**Do you know you surely require a Shiva Amvaj Photo Switch?**

Except industrial usage, Shiva Amvaj Photo Switch is useful for following locations:

- Turning on lamps in a store, showcase and panel at sunset and turning them off at sunrise automatically.
  - Automatically turning lamps on or off in the house, parking lot, yard, garden, ceremonies and related panels.
  - Save energy by installing a Shiva Amvaj Photo Switch device on an intended luminance system when coming late to your store or absenting on holidays. Also at home when you are present or absent, considered lamps gets turned on at sunset and turned off at sunrise automatically and you don't need to be worry about your home luminance at night.
- By using Shiva Amvaj Photo Switch except increasing useful life of your lamps till 50%, save the energy and be sure that your lamps will be turned on at sunset and turned off at sunrise for years and brings immunity and safety when members of the house or store are absent.

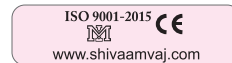
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**Respecting the customer is our duty**

3 year no question asked guarantee under these conditions;  
 1-at most it should be within 3 years from the date printed on the label of the product  
 2-the label on the product should be safe and sound

Shiva Amvaj products in accordance with international standards and with a 3 year no question asked guarantee are presented



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