

Product Guide


Elyctrify's Auto Day/Night Sensor Switch 7A

Elyctrify's Auto day/night sensor switch is perfect fit where load must be turned ON during dark conditions and turned OFF during day light condition. The Day Night sensor switch available in 5A, 7A, 10A load support models.

Typical applications of day night sensor switch are Street light control, Sign board light control, Temple lights, Wall Fence post lights, Entry/Exit Gate lights automation.

The design of the product is robust and can withstand harsh temperature conditions ranging from -15 deg. to 70 deg. C.

Key Feature of Product

- 3.5 kV surge protection from input, this will protect the load as well as device from over current.
- Designed for 24×7×365 days of operation.
- Small in size 60Lx35Wx40H mm
- Wire Barrier strip for easy integration.
- No load power consumption < 1W
- 1 Year Replacement Warranty
- Input 230v 50Hz, Output load 1.2kW Max
- Simple to integrate with any type of load
- Two mounting pins, for easy installation, can be mounted on any type of surface
- Automatic turn OFF during daytime and turn ON during night, no manual operation required
- Water resistant
- Made In India 

How to install Motion Detection Switch for optimal and efficient operation.

- Keep the distance, at least of 1 feet from the load, do not place sensor switch near hot/heat generating object.
- Do not point sensor towards direct sunlight or in-front of light source, give 10 degree angle while mounting.
- Do not close the sensing area with any object or metal plate.
- Do not connect output load above mentioned limit, for optimal operation connect load below 500W
- Point the sensor where during daytime light must fall onto sensor area.
- Keep the main switch on all the time for good results.
- Do not keep sensor switch in hanging state, fixed it on surface.

Troubleshooting and testing

Automatic Day/Night detection switch uses light as source to turn ON and OFF the output load, following are some of the points which may help you to troubleshoot and test the sensor before actual installation.

- Check the wiring diagram twice before turning ON the supply.
- Check and Confirm that load is connected as per the wiring diagram.
- Check and confirm the mains supply is available.
- To check sensor operation, put the hand on sensor area, the load should turn ON automatically.

Care, Do's and Don'ts

- Do not drop the sensor from distance, this may damage the sensor
- Do not connect the load which are higher than mentioned Amp. rating.
- Do not open the back cover of the sensor
- Do not block the sensor area, periodic cleaning may be require if sensor is installed outside in dust environment.
- Consult electrician, do not experiment with connections, if you don't understand wiring.

for any customer related complaints or queries, please write to us at tadoba.retail@gmail.com we will be happy to assist you.

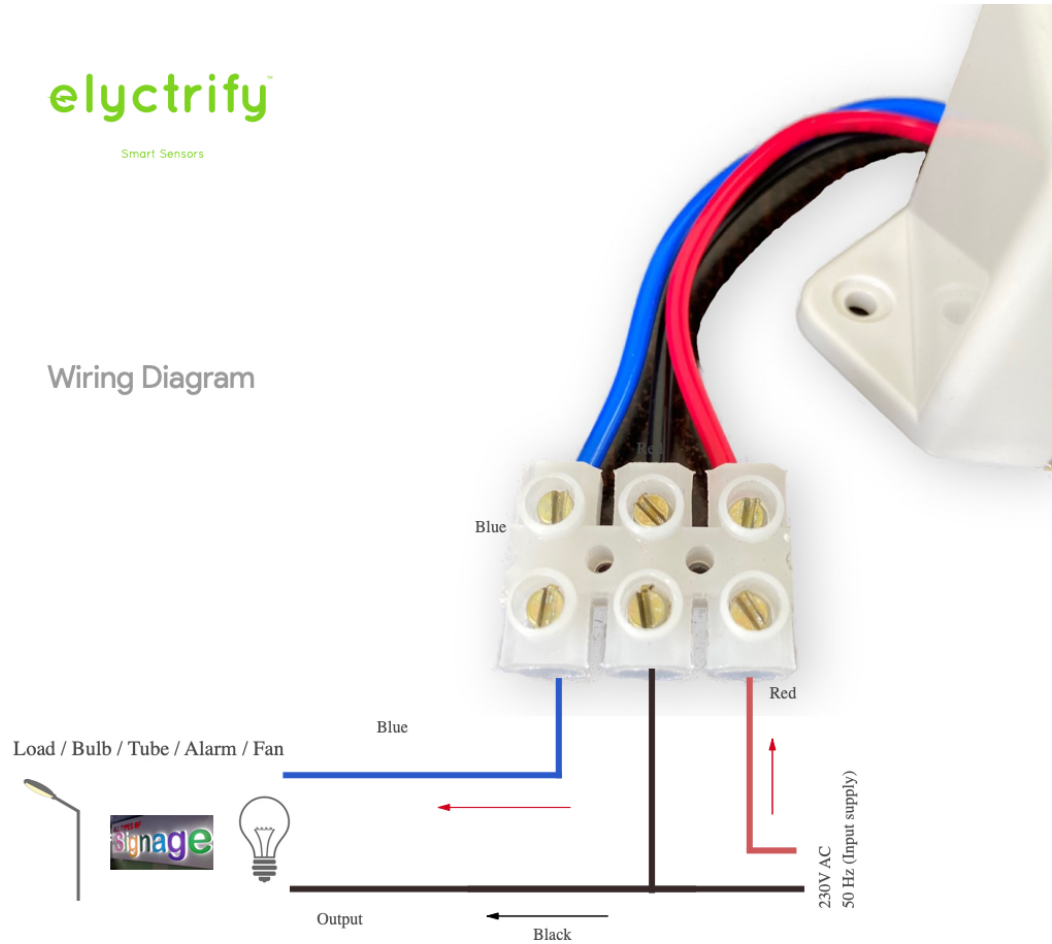


Scan QR code to get digital copy of this guide.

elyctrify™

Smart Sensors

Wiring Diagram



Wiring diagram

Black wire is common, the Red wire is line input voltage and Blue must be connected to load.

The pictures of the load like bulb, fan, horn are given for example purpose, you can connect any load, which require ON

elyctrify™

Smart Sensors

Day Night Sensor, Light Sensor Switch, Automatic Light ON/OFF switch, Light Automation



Product Guide

version 1.2