

ST300

Day/Night Control Switch with Timer



Instruction

Welcome to use ST300 Day/Night Control Switch with Timer!

This item is an automatic photocell switch for lamps. When the ambient-light darken to the LUX that you set in advance, the light will turn on. The light will turn off at the preset time or ambient-light is more than the setting LUX. It adds the functions of LUX adjustable and TIME setting. It is easy and comfortable to use.

SPECIFICATION:

Voltage: 220-240V/AC

Rated Current: 10A

Working Temperature: -20~+40°C

Built-in Timer: 1, 2, 3, 4, 5, 6, 7, 8, 9 Hours

Power Frequency: 50/60Hz

Ambient Light: <3-500LUX (adjustable)

Working Humidity: <93%RH

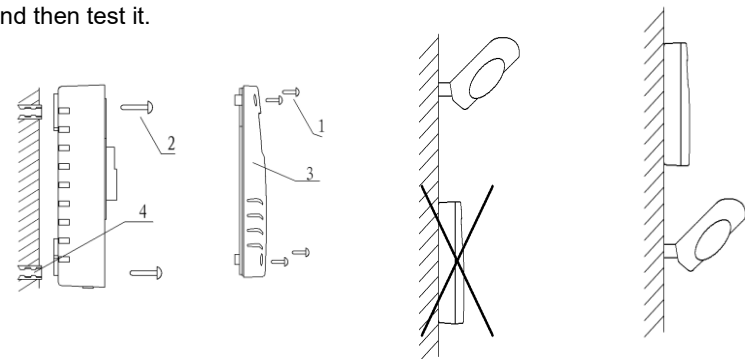
IP Class: IP65

FUNCTION:

- LUX setting: turn LUX knob anti-clockwise to "3" position, the photocell will only work in the dark (less than 3LUX). If turn clockwise to "500" position, it will work when the ambient light is less than 500LUX.
- TIME setting: you can set the regular working hours of the photocell as needed

INSTALLATION:

- Switch off the power.
- Loose the four screws on the cover and take down the cover.
- Connect the wire with the product as per the connection-wire diagram.
- According to the correct installation place, install the product with the enclosed inflated screws.
- Install back the cover. Switch on the power, And then test it.



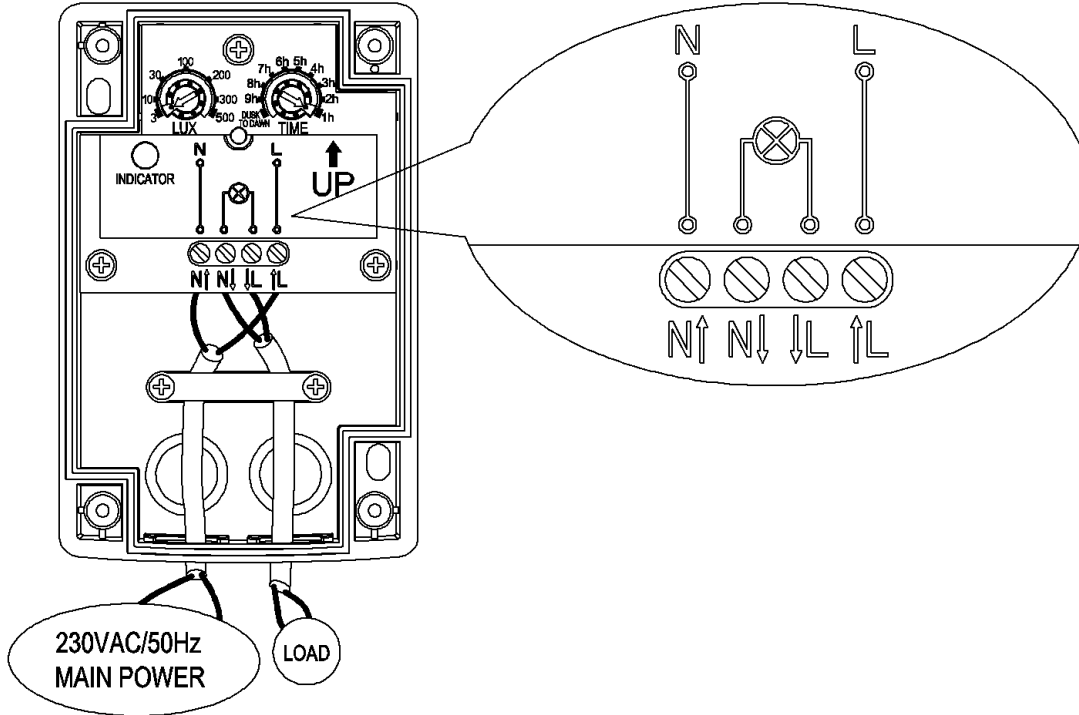
FIGURE

INCORRECT

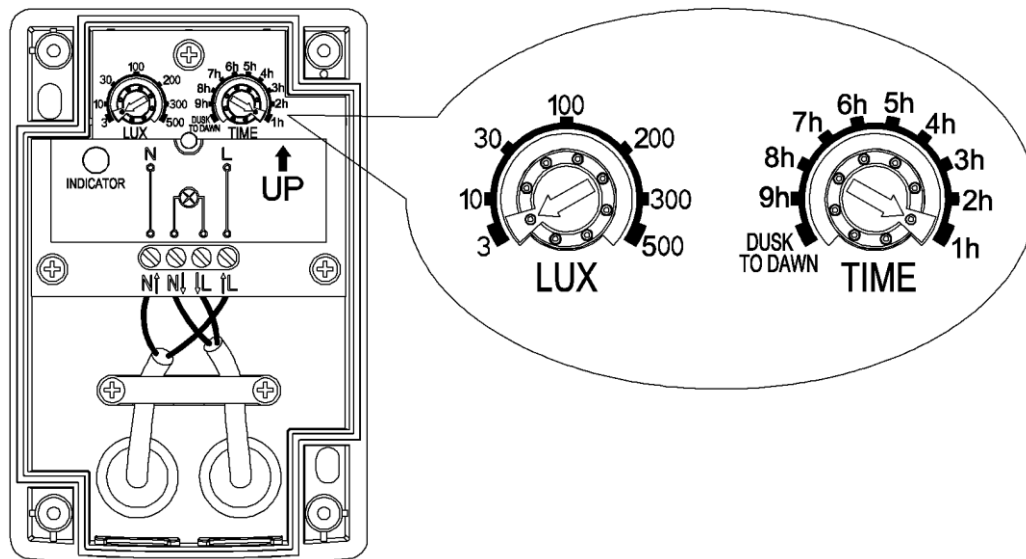
CORRECT

CONNECTION-WIRE DIAGRAM:

1.



2.



TIME SETTING:

The LED indicator inside the sensor will flash to display the preset times as following:

- | | |
|-------------------------------|---|
| 1) 1 hour: flash one time | 6) 6 hours: flash six times |
| 2) 2 hours: flash two times | 7) 7 hours: flash seven times |
| 3) 3 hours: flash three times | 8) 8 hours: flash eight times |
| 4) 4 hours: flash four times | 9) 9 hours: flash nine times |
| 5) 5 hours: flash five times | 10) dusk to dawn: rapidly flash ten times |

TEST:

- Set the LUX knob to “3” position and set the time knob to “1h” position. When the ambient light is less than 3 LUX, the red indicator light will turn on, after 1 minute, the lamp will turn on.

- 1) In 1 hour, Ambient light < 3 LUX:

The lamp will hold on lighting for 1 hour. After 1 hour, it will turn off. The red indicator light will turn off when the ambient light is more than 10 LUX.

- 2) In 1 hour, Ambient light > 10 LUX

The red indicator light will turn off, after 1 minute, the lamp will turn off.

When set the Time knob to 2-9h, please can refer to above description to test.

- Set the LUX knob to “3” position and set the time knob to “DUSK TO DAWN” position, if the ambient light is less than 3 LUX, the red indicator light will turn on, after 1 minute, the lamp will turn on and hold on lighting. Only when the ambient light is more than 10 LUX, the red indicator light will turn off, after 1 minute, the lamp will turn off.

NOTE:

- In front of the photocell, there should be no obstruction affecting to accept natural light;
- In front of the photocell, there should be no swaying object.
- Don't install the photocell under the light or in the place where the light will be irradiated to the photocell.
- When lamp is on, another light source irradiate to the photocell, and this light lasts for more than one minute, the lamp will turn off and the electronic TIMER will stop counting. The TIMER will recount from the beginning when the light turns on again
- The electronic TIMER will reset when the power is off over 2~5 seconds.