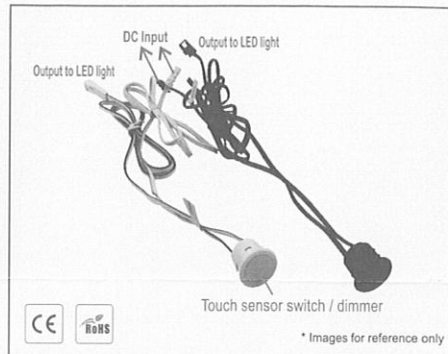


# Touch Sensor Switch / Dimmer TD004A

## Functions:

- ON / OFF + dimming function.
- Input Voltage: 12V-24VDC.
- Output Voltage: 12V-24VDC.
- Input Current: 4A.
- Load around 48W for 12V, or 96W for 24V.
- Input and output cable length: 1m(Customized length can be ordered).

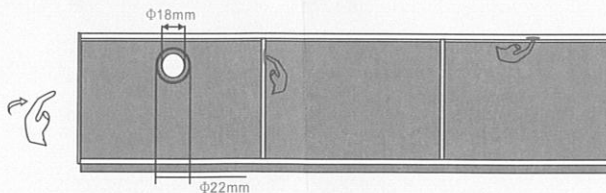


## Operation:

- Non-memory touch switch performs as below:
  - 1) Originally "Off" when the power is connected.
  - 2) Quick touch(time is less than 550ms) can turn ON/OFF the light. One touch to turn on; touch again to turn off .The lamp is 90% bright when it is on.
  - 3) Hold on touching (time is above 550ms) can adjust the brightness endlessly. It will reduce the brightness endlessly to the minimum in 3 seconds holding on when the light is on. It will increase the brightness endlessly to 100% in 3 seconds holding on when the light is off.
  - 4) Quick touch and hold on touching can be chosen anytime without any collision.

## Installation:

- Step I: Cut a diameter 18mm hole at the fixture
- Step II: Put the Detector Head into the diameter 18mm hole
- Step III: connector wires to the input end and output end of the control PCB.



- **Note:** Please read the tag on the wire when connecting cables;  
The function/program can be customized, made upon different needs, such as longer time for stay on, etc.

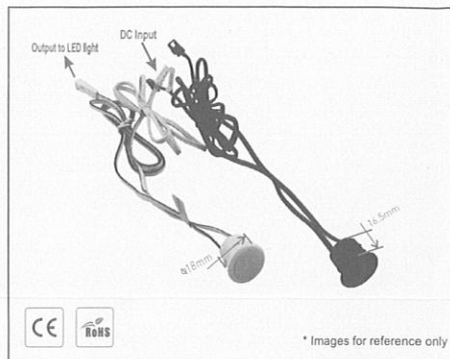
## Notice:

- During testing, it is forbidden to hold the sensor with one hand while touching with another hand.
- This sensor cannot be installed on conductive materials.

# Touch Sensor Switch / Dimmer TD004AM

## Functions:

- ON / OFF, dimming function and memory.
- Input Voltage: 12V–24V DC.
- Output Voltage: 12V–24V DC.
- Input Current: 4A.
- Load around 48W for 12V, and 96W for 24V.
- Input and output cable length: 1m (Customized length can be ordered).

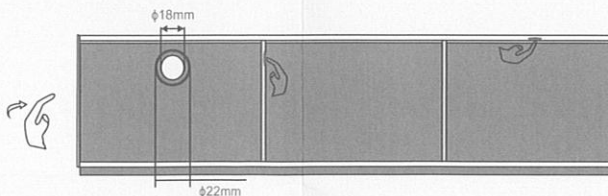


## Operations:

- **With memory external switch on/off and dimmer:**
  - 1) Originally "Off" when the power is connected.
  - 2) Quick touch (time is less than 550ms) can turn ON/OFF the light. One touch to turn on; touch again to turn off. The lamp is 90% bright when it is on.
  - 3) Hold on touching (time is above 550ms) can adjust the brightness endlessly. It will reduce the brightness endlessly to the minimum in 3 seconds holding on when the light is on. It will increase the brightness endlessly to 100% in 3 seconds holding on when the light is off.
  - 4) Quick touch and hold on touching can be chosen anytime without any collision.
  - 5) This sensor will memorize the status of the dimming in 12V–24VDC.

## Installation Steps:

- Step I: Cut a diameter 18mm hole at the fixture.
- Step II: Put the detector head into the diameter 18mm hole.
- Step III: Connect wires to the input end and output end of the LED light.



**Note:** Please read the tag on the wire when connecting cables;  
The function/program can be customized, made upon different needs.

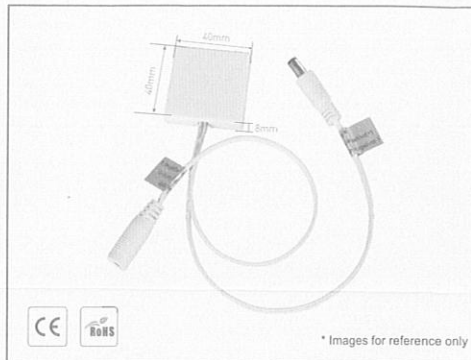
## Notices:

- During testing, it is forbidden to hold the sensor with one hand while touching with another hand.
- This sensor cannot be installed on conductive materials.

## Touch Dimmer TD006

### Functions:

- ON / OFF + dimming function+memory.
- Input Voltage: 12V–24VDC.
- Output Voltage: 12V–24VDC.
- Input Current: 4A.
- Load around 48W for 12V, and 96W for 24V.
- Input and output cable length: DC wire 25cm.  
(Customized length can be ordered).

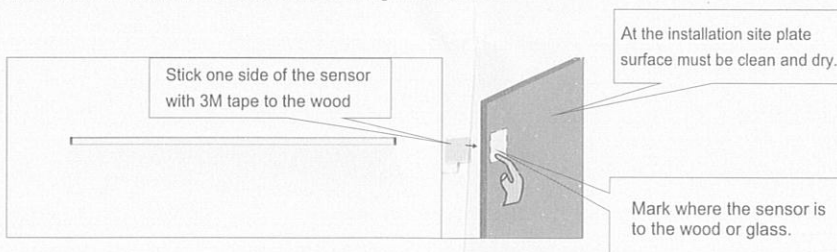


### Operations:

- With memory external switch on/off and dimmer:

Touch the wood panel or glass maximum thickness 25mm where the TD006 switch is located to turn ON/OFF the led lamps.

- 1) Originally "Off" when the power is connected.
- 2) Quick touch(time is less than 550ms) can turn ON/OFF the light. One touch to turn on; touch again to turn off. The lamp is 90% bright when it is on.
- 3) Hold on touching (time is above 550ms) can adjust the brightness endlessly. It will reduce the brightness endlessly to the minimum in 3 seconds holding on when the light is on. It will increase the brightness endlessly to 100% in 3 seconds holding on when the light is off.
- 4) Quick touch and hold on touching can be chosen anytime without any collision.
- 5) This sensor will memorize the status of the dimming in 12V–24VDC.



**Note:** Please read the tag on the wire when connecting cables;  
The function/program can be customized, made upon different needs, for example: with memory.

### Notices:

- During testing, it is forbidden to hold the sensor with one hand while touching with another hand.
- This sensor cannot be installed on conductive materials.