

Keypad Ventilation Fan Speed and Lighting Control with Timer

Model #: BRT-V004



▶ Features:

BRT-V004 is a keypad ventilation fan speed and lighting control with timer, it is controlled by a micro controller unit, BRT-V004 is designed for easy installation and retrofit, directly fit into standard wall box where both “hot” wire and neutral wire are present.

- With two load control, can control the fan and light respectively;
- Delay off time setting for the fan, delay off time can be set as 1min, 5mins, 10mins, 15mins and 20mins.
- ABS-V0 flame resistance material; and
- Classical 86 series design and high quality build.

▶ Front View and Back View:

Fig. 1 and Fig. 2 show the front view and the back view of BRT-V004 speed control switch respectively.



Fig. 1 Front View



Fig. 2 Back View

As shown in Fig. 1 and Fig. 2, BRT-V004 keypad ventilation fan speed and lighting control and 5 LED indicators on the front, and wiring terminal blocks on the back. Each LED indicates the current delay off time respectively.

▶ Specification Parameters:

Input Voltage	220~240V(50Hz/60Hz)	Operation Environment	No-condensation 20-90% RH, -20℃~55℃
Wattage	Fan≤300W Lamp≤150W	Connection Mode	2 wire system
Mounting Hole Spacing	60mm	Matching Box	75mm x 75mm x 50mm
Dimension	86mm x 86mm x 43mm	Weight	116g

▶ Wiring Diagram and Installation Guide:

BRT-V004 speed control switch requires 2 wire system for installation:

Hot wire (ACL): Coming from the power line with 220V;
Load wire: Going to the load.

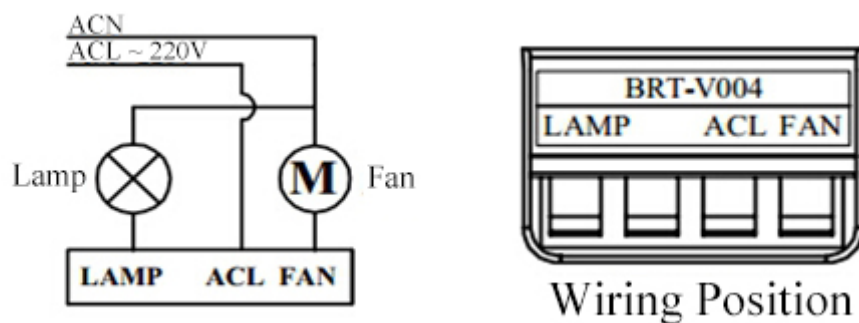


Fig. 3 BRT-V004 Wiring Diagram

Warning: Please make sure power is turned off before starting installation!

Fig. 3 shows the wiring diagram and Fig. 4 shows the step-by-step installation instructions. There are three easy steps:

- Step one: Use a screwdriver to pry off the front plate in position A;
- Step two: Wiring according to the diagram and the labelled ports of the switch; and
- Step three: Install screws and front plate.

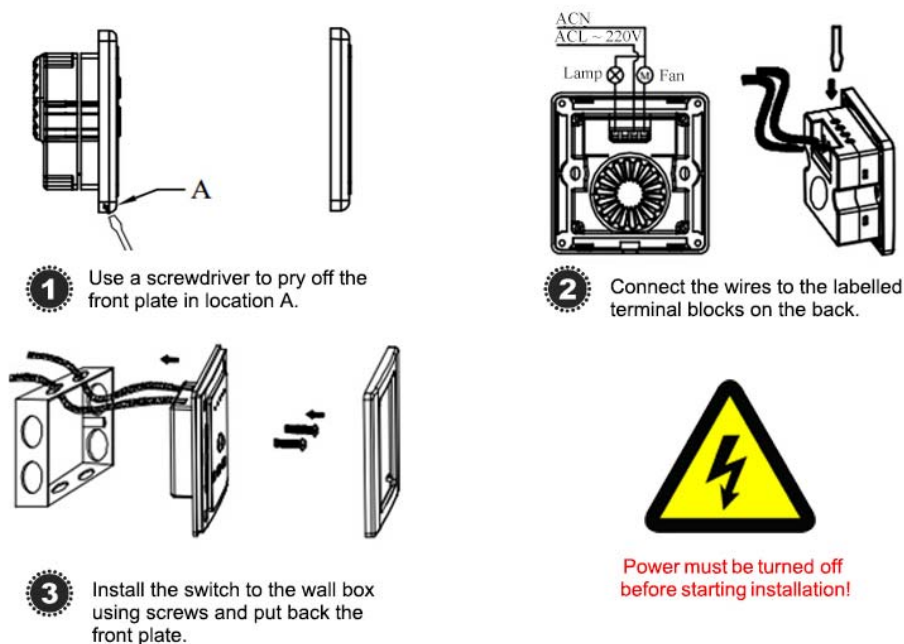


Fig. 4 BRT-V004 Installation Guide

▶ **Operation Guide:**

BRT-V004 keypad ventilation fan speed and lighting control switch has four buttons on the pad,

1. Press button “LAMP” to turn on or off the lamp;
2. Press button “ON/OFF” to turn on or off the fan;
3. Press button “-/+” to adjust the delay off time; press “-” to decrease the delay off time, and the indicator lights show the numbers in order: 20→15→10→5→1. Press “+” to increase the delay off time. This “-/+” button works only when the fan is ON.

▶ **Applications:**

BRT-V004 keypad ventilation fan speed and lighting control switch speed control switch has wide applications at various locations such as lobby, kitchen, bathroom, etc, to control the delay off of ventilation fans, kitchen ventilator.

▶ **How to Order:**

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