

Product Descriptions

Reversible Fan Speed Switch with Remote Control

Model #: BRT-F013-T

(Please visit our website www.a-brt.com for more info)



Features:

BRT-F013-T is a speed control switch which has a built-in micro controller unit. In addition to a wall mount keypad unit, it also has a handheld remote control. The wall mount unit is designed for easy installation and retrofit, directly fit into standard wall box.

- Reversible. The user can choose the fan's rotation direction at will;
- 5 step speed control using wall mount keypads or a remote control ;
- Memory function. The motor always starts at last speed;
- Load power up to 400W and good for all AC motors;
- 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-F013-T reversible fan speed control switch with remote control respectively.



Fig. 1 Front View



Fig. 2 Back View

Product Description of BRT-F013-T

Shenzhen Asia Bright Co., Ltd.

Floor 2nd~3rd, Building E, North Area No.2 of Shangxue Science Park, Bantian, Shenzhen, China

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As shown in Fig. 1 and Fig. 2, BRT-F013-T reversible speed control switch set includes a wall mount unit and a remote control. The wall mount unit has 4 control keypads, 5 speed LED indicators, and an infrared detector on the front, and wiring terminal blocks on the back. The remote control has four control buttons and a wall mount bracket.

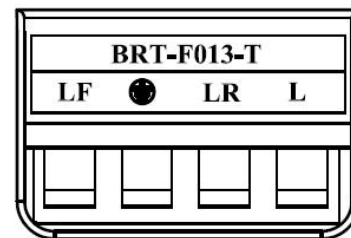
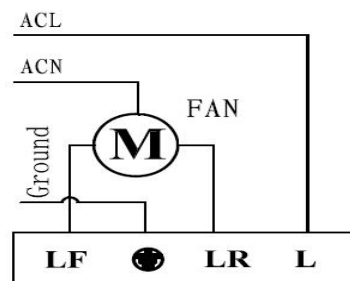
Specification Parameters:

Input Voltage	220~ 240V(50Hz/60Hz)	Operation Environment	No-condensation 20-90% RH, -20℃~40℃
Wattage	400W	Load type	Motor
Mounting Hole Spacing	60mm	Matching Box	75mm x 75mm x 50mm
Wall Unit Dimension	86mm x 86mm x 43mm	Wall Unit Weight	180g
Remote Control Mode	Infrared	Remote Control Distance	Up to 7m
Remote Control Dimension	107mm x 36mm x 14mm	Remote Control Weight	55g

Wiring Diagram and Installation Guide:

BRT-F013-T reversible speed control switch requires four wires for installation:

- Hot wire (ACL): Coming from the power line with 220V;
- Load wire LR: Going to the load;
- Load wire LF: Going to the load; and
- Ground: Connected to ground



Wiring Position

Fig. 3 BRT-F013-T Wiring Diagram

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

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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.

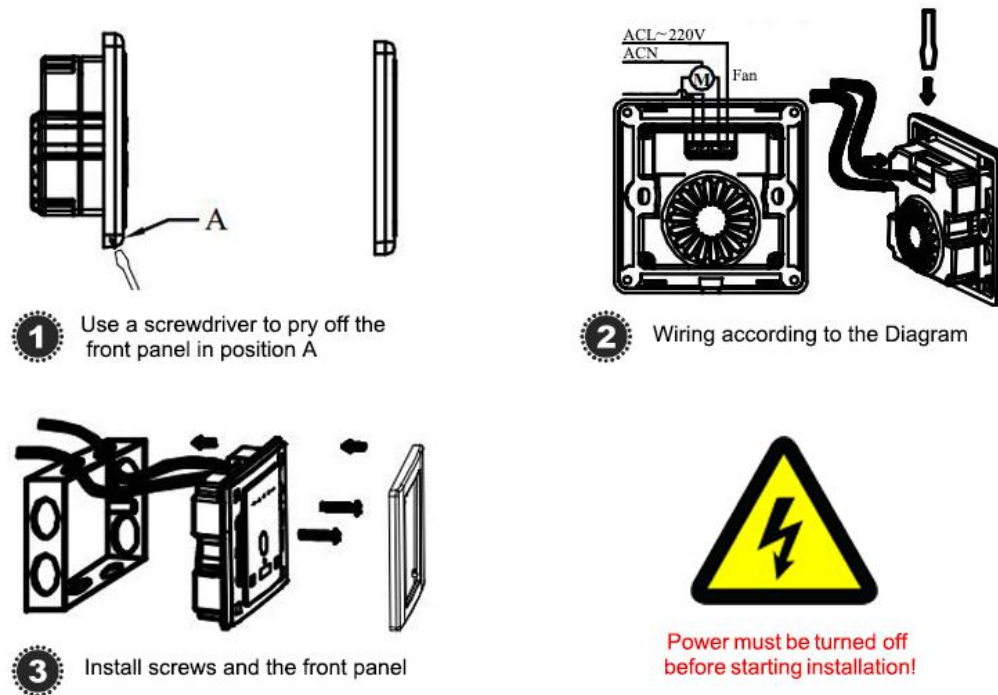


Fig. 4 BRT-F013-T Installation Guide

Operation Guide:

BRT-F013-T speed control switch can be controlled either using the keypads of the wall mount unit or the remote control as shown in Fig 5.

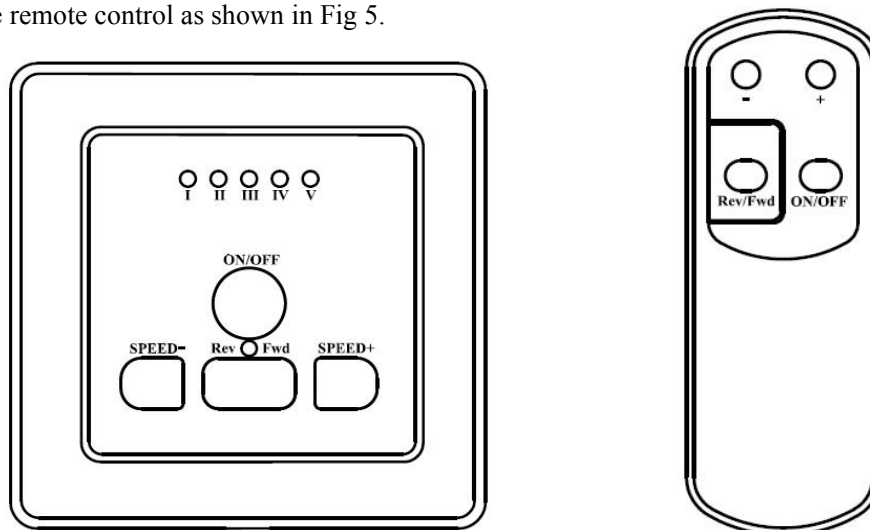


Fig. 5 BRT-F013-T Speed Control

Control using wall mount unit: There are four keypads on the front panel. Pressing each keypad will turn on or turn off the fan, change the fan speed or reverse the fan's rotation.

- On/Off: Pressing once will turn on the fan, and pressing again will turn off the fan;
- Rev/Fwd: Each pressing will reverse the fan's rotation;
- SPEED+: Each pressing will increase the fan speed; and
- SPEED-: Each pressing will decrease the fan speed.

There are 5 speed settings, I, II, III, IV, and V. The fan will start at speed V for the first time operation. Then, the memory function will enable the fan to always start at last speed and rotation direction.

Control using remote: There are four buttons on the remote. Pressing each button will turn on or turn off the fan, change the fan speed or reverse the fan rotation.

- On/Off: Pressing once will turn on the fan, and pressing again will turn off the fan;
- Rev/Fwd: Each pressing will reverse the fan rotation;
- +: Each pressing will increase the fan speed; and
- : Each pressing will decrease the fan speed.

Again, there are 5 speed settings, I, II, III, IV, and V. The fan will start at speed V for the first time operation. Then, the memory function will enable the fan to always start at last speed and rotation direction.

Applications:

BRT-F013-T speed control switch is ideal for regulating the speed of all kinds of AC motors. It has wide applications at various locations such as homes, schools, laboratories, hospitals, bar, restaurant, etc, to control the speed of ventilation fans, pumps, or blowers.

How to Order:

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