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Product Descriptions

Touch Pad Timer Switch with Remote Control (No Neutral Required)

Model #: BRT-601

(Please visit our website <u>www.a-brt.com</u> for more info)

Features:

BRT-601 is a touch pad timer switch which is controlled by a micro controller unit. In addition to a wall mount touch pad unit, it also has a handheld IR remote control. It is designed for easy installation and retrofit, directly fit into standard wall box with no need for the neutral.

- Control over up to 4 loads. Each load can have a delay-off time of 30 seconds or instant on/off;
- Easy to use. Four touch pads to turn on or turn off the load, and one touchpad operation to turn off all the loads;
- Good for all kinds of loads (resistive, inductive, or capacitive);
- 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-601 touch pad timer switch with remote control respectively.





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Fig. 1 Front View

Fig. 2 Back View

As shown in Fig. 1 and Fig. 2, BRT-601 touch pad timer switch set includes a wall mount unit and an IR remote control. The wall mount unit has 4 control touch pads and an LED power indicator, and wiring terminal blocks on the back. The remote control has five control buttons and a wall mount bracket.

Specification 1 arameters.				
Input Voltage	180~250V(50Hz/60Hz)	Operation Environment	No-condensation 20-90% RH, -20°C \sim 40°C	
		Liiviioiiiieiit		
			Resistive: 1000W/Load	
Motor Wattage	150W	Lamp Wattage	Inductive: 500W/Load	
			Capacitive: 500W/Load	
Remote Control	IR	Remote Control	7	
Mode		Distance	7m	
Wall Mount	86mm x 86mm x 43mm	Wall Mount	9.4	
Unit Dimension		Unit Weight	84g	
Remote Control	107 26 14	Remote Control	21	
Dimension	107mm x 36mm x 14mm	Weight	31g	
Mounting Hole	60mm	Matching	75	
Spacing		Box	75mm x 75mm x 50mm	

Specification Parameters:

Wiring Diagram and Installation Guide:

BRT-601 touch pad timer switch only require two wires for installation:

Hot wire (ACL): Coming from the power line with 220V; and

Load wire: Going to the load.



Fig. 3 BRT-601 Wiring Diagram

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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 the switch to the wall box using screws and put back the front plate.



Fig. 4 BRT-601 Installation Guide

BRT-601 Operation Guide:

BRT-601 touch pad timer switch can be controlled either using the touch pads of the wall mount unit or the remote control as shown in Fig 5. After BRT-601 is powered on, the LED on the front panel will be on and the unit is ready to control the loads.





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Fig. 5 Two Ways to Control loads

Control using wall mount unit: There are 4 touch pads on the front panel. Pressing each touch pad will turn on or turn off the fan or the lamp.

FAN: Pressing once will turn on the fan, and pressing again will turn off the fan;

LAMP 1: Pressing once will turn on lamp 1, and pressing again will turn off lamp 1;

LAMP 2: Pressing once will turn on lamp 2, and pressing again will turn off lamp 2; and

LAMP 3: Pressing once will turn on lamp 3, and pressing again will turn off lamp 3.

Also, pressing a touch ypad to turn on a load will cause the touch pad to flash briefly.

One touch pad operation to turn off all the loads in the same time: Pressing and holding the FAN touch pad for 2 seconds will turn off all the loads in the same time.

Control using remote: There are 5 buttons on the remote. Pressing each button will turn on or turn off the fan, or turn on or turn off the lamp.

FAN:	Pressing once will turn on the fan, and pressing again will turn off the fan;
LAMP 1:	Pressing once will turn on lamp 1, and pressing again will turn off lamp 1;
LAMP 2:	Pressing once will turn on lamp 2, and pressing again will turn off lamp 2;
LAMP 3:	Pressing once will turn on lamp 3, and pressing again will turn off lamp 3; and
OFF:	Pressing this button will turn of all the loads in the same time.

Set up delay-off function: Use a screwdriver to pry off the back cover to access the dip switches as shown in Fig. 6. Switching a dip switch to on will set up the corresponding load for delay-off operation respectively.



Fig. 6 Dip Switches for Activating Delay-off Time

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Dip switch 1 = Lamp 1	Dip switch 2 = Lamp 2
Dip switch 3 = Lamp 3	Dip switch 4 = Fan

The delay-off time is set at 30 seconds at factory. Please talk to our sales representative if other customized settings are required.

Activate delay-off function: Once the delay-off function is set up, touching the keypad once will turn on the load, and touching the keypad the second time will trigger delay-off for the load. The keypad will blink until he load is automatically turned off after 30 seconds.

During the delay-off time countdown, touching the keypad will turn off the load immediately.

Applications:

BRT-601 keypad timer switch can be used for automatically turning on and/or turning off various loads such as fans, lights, appliances, or other kinds of electrical equipment. They are perfect for saving energy and bringing convenience and safety to our daily life and work.

They have wide applications at various locations such as homes, hotels, schools, laboratories, hospitals, offices, etc.

I How to Order:

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