

Product Descriptions

Programmable Timer Switch

Model #: BRT-418

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



Features:

BRT-418 is a programmable timer switches. They are controlled by a micro controller unit and have very accurate timing capability. They are designed for easy installation and retrofit, directly fit into standard wall box with no need for the neutral.

- Load power up to 3000W;
- Manual override. Pressing the power button to turn on or turn off the load directly;
- Good for all kind of loads;
- 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-418 timer switch respectively.

Opening the cover, there is a Time button, Clock button, "+" "-" button around the LCD .



Fig. 1 Front View



Fig. 2 Back View

Specification Parameters:

Power Supply	2pcs of AAA battery	Operating Temperature	-10℃ ~ +45℃
Wattage	Resistive: 3000W/Load Inductive: 1500W/Load Capacitive: 500W/Load	Relative Humidity	No-condensation 20-90% RH
Mounting Hole Spacing	60mm	Matching Box	Classical European Style
Dimension	86 x 86 x 40mm	Weight	167g

Wiring Diagram and Installation Guide:

BRT-418 programmable timer switch timer switch operates in a two-wire system.

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

Load wire: Going to the load.

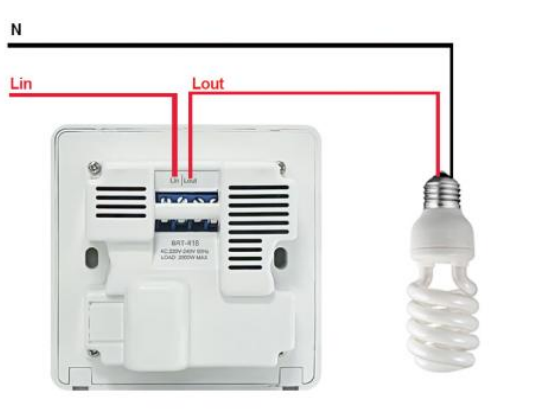


Fig. 3 BRT-418 Wiring Diagram

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;

Step three: Install the switch to the wall box using screws;

Step four: Install the battery and front panel.

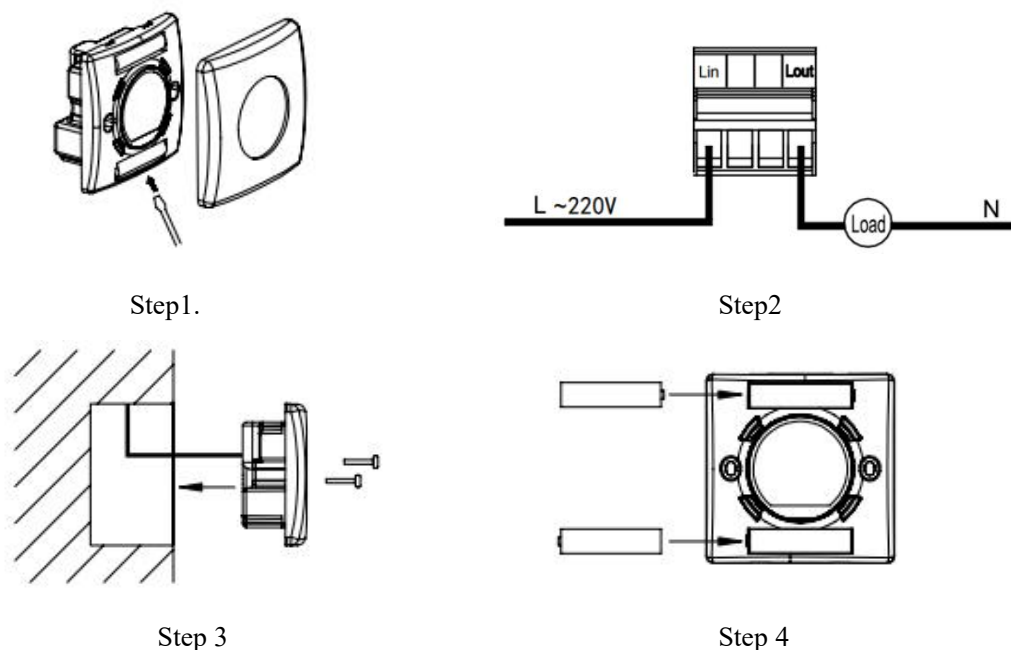


Fig. 4 BRT-418 Installation Guide

BRT-418 Operation Guide:

When the screen is on, press the round screen in the middle, the load turns on, the "💡" icon on the screen lit up, then press the round screen again, the load turns off, the "💡" icon on the screen is off.



Fig. 5 The inside view of the timer

BRT-418 Timer Switch Setup:

1. Set up the clock:

1.1 Remove the outside cover of the switch

1.2 Press the Clock button, the outer ring of week begin to flash, press the "+" and "-" button to select the right week. Press the Clock to confirm.

1.3 Set the hour and press Clock to confirm

1.4 Set the minute. After setting, press Clock button to save and exit.

2. Set up timer

2.1 Remove the outside cover of the switch

2.2 When the screen is on, press the Time button and the outer ring of the week begin to flash.. Use the "+" and "-" to select the corresponding week, press the round screen to confirm and enter to timer on hour setting of the first period, after complete hour setting, press the round screen to confirm and continue the timer on minute setting, after complete timer on minute setting, press the round screen again to confirm and then begin to set the hour and minute of timer off.

2.3 After the first period is set, press the round screen to confirm and jump to the setting of the second period, the setting method is the same as above steps.

2.4 After the setting is completed, press Time button to save and exit.



Fig. 6. The buttons and icons for setting up timer

Low-battery alert: Press any button, the "  " icon below the screen lit, indicating the battery is running low, please replace the battery in time.

Applications:

BRT-418 programmable 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, especially for high power loads. 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.

How to Order:

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