

Product Descriptions

Timer Switch

Model #: BRT-120





Features:

BRT-120 is an LCD Digital Timer Switch for One Load. It can completely cut off current in a two-wire system and offers the advantage of adjustable timing settings with considerable flexibility. It is designed for easy installation and retrofit directly fit into standard wall box with no need for the neutral.

- Adjustable delay off time, with 10 minutes default;
- LCD display showing the current delay-off time of the switch;
- Operates in a two-wire system;
- Good for all kinds of loads (Resistive, inductive, and capacitive);
- ABS-V0 flame resistance material; and
- Classical 86 series design and high quality build.

Front View, Back View, and Button Functions:

Fig. 1 and Fig. 2 show the front view and the back view of the BRT-120 timer switch respectively.



Fig. 1 Front View



Fig. 2 Back View

As shown in Fig. 1, the BRT-120 timer switch has an LCD display, On/Off button, reduced button, extended button, and timer set button in the front. The LCD display shows the current delay-off time of the switch. The On/Off button is used for turning on or turning off a load manually.

When the On/Off button is pressed and the LCD display shows On, the load will be turned on immediately; and When the On/Off button is presses again and the load will be turned off immediately.

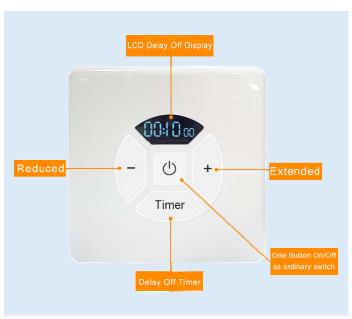


Fig.3 Button Functions

Specification Parameters:

Power Supply	2pcs AAA batteries	Battery Life	Above 12 Months
Input Voltage	220V ~ 240V 50Hz	Operation Temperature	-10℃~+50℃
Wattage	Resistive: 3000W Inductive: 735W Capacitive: 600W	Load type	All Types
Mounting Hole Spacing	60mm	Matching Box	75mm x 75mm x 50mm
Dimension	86mm x 86mm x 39mm	Weight	157.2g

Wiring Diagram and Installation Guide:

BRT-120 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. 4 BRT-120 Timer Switch Wiring Diagram

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

Fig. 4 shows the wiring diagram and Fig. 5 shows the step-by-step installation instructions. There are four 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 fixed it to the wall mounting box.

Step four: Install 2pcs AAA batteries, and cover front plate.

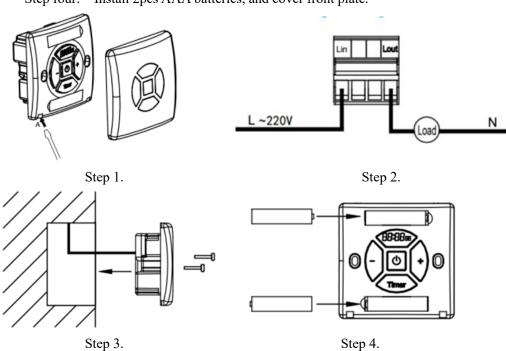


Fig. 5 BRT-120 Timer Switch Installation Guide

BRT-120 Timer Switch Operation:

1. Press the Timer button for the first time to turn on the load, and the LCD screen display lights

up showing a 10-minute countdown.

2. Press the Timer button again; the seconds will not be displayed, leaving only hours and minutes

shown on the display. At this point, use the "-" and "+" keys to adjust the timer duration (long

presses enable quick adjustment).

3. Once the desired time is set, press "Timer" button once more to confirm the setting and initiate

the countdown. When the countdown ends, the load will be turned off.

4. Subsequently pressing "Timer" button will execute the last programmed timing.

5. During the countdown, pressing the Power key directly can turns off the load.

6. While in the countdown process, any press of "Timer", "+" or "-" buttons can wake up the

screen to display the remaining time.

Low Battery Indicator:

When the battery power is low, pressing any button causes the LCD screen to flash five times,

indicating that the battery needs to be replaced promptly.

Applications:

BRT-120 timer switch can be used for automatically turning off all kinds of 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.

The elegant design of BRT-120 timer switch makes it suitable for wide applications at various

locations such as homes, schools, laboratories, hospitals, offices, etc., especially for luxurious

hotels and high-grade villas.

How to Order:

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Product Description of BRT-120