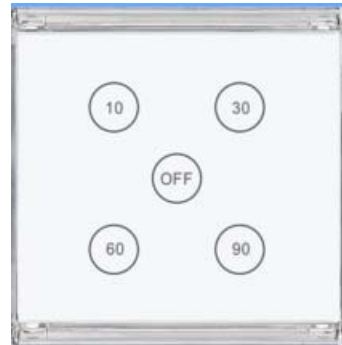


## Product Descriptions

### Glass Screen Delay Off Touch Switch for One Load

**Model #:** BRT-121

(Please visit our website [www.a-brt.com](http://www.a-brt.com) for more info)



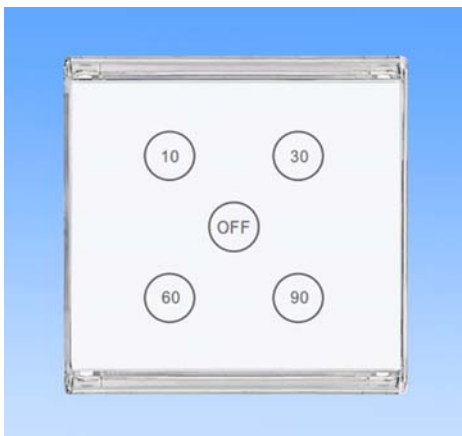
#### ► Features:

BRT-121 is a glass screen delay off touch switch which is controlled by a micro controller unit and has timing capability for one load. It is designed for easy installation and retrofit. Directly fit into standard wall box where both 'hot' wire and neutral wire are present.

- Good for all kind of loads;
- 10/30/60/90 delay off or instant on/off optional;
- Operates in L&N inputs;
- Classical European style design and high quality build.

#### ► Front View, Back View and Hidden Panel:

Fig. 1 and Fig. 2 show the front view and the back view of the BRT-121 glass touch screen timer switch respectively.



**Fig. 1** Front View



**Fig. 2** Back View

*Product Descriptions of BRT-121*

Shenzhen Asia Bright Co., Ltd.

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As shown in Fig. 1, the BRT-121 timer switch has a glass touch panel and four delay off timer buttons and one On/Off button on the front. The glass touch panel shows the delay off time for 10mins, 30mins, 60mins, 90mins respectively. The On/Off button are used for turning on or turning off one load manually. The button is always lit in blue black-light so it is easy to find the switch even in the dark.

#### ▶ Specification Parameters:

Input Voltage	AC180~250V/50Hz	Operation Environment	-15°C~55°C
Wattage	Resistive: 1000W/Load Inductive: 1000W/Load Capacitive: 1000W/Load	Load type	All types
Size	86mm x 86mm x 36mm	Mounting Hole Spacing	60mm

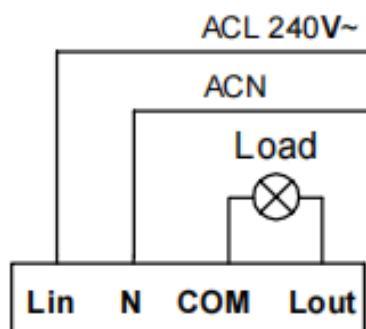
#### ▶ Wiring Diagram and Installation Guide:

BRT-121 glass touch screen timer switch requires both hot wire and neutral wire for installation:

Hot wire (ACL): Coming from the power line with 180V-250V;

Neutral wire (ACN): Usually coming with the hot wire;

Load wires: Going to the loads.

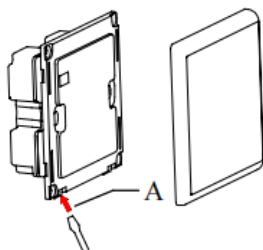


**Fig. 3** BRT-121 Wiring Diagram

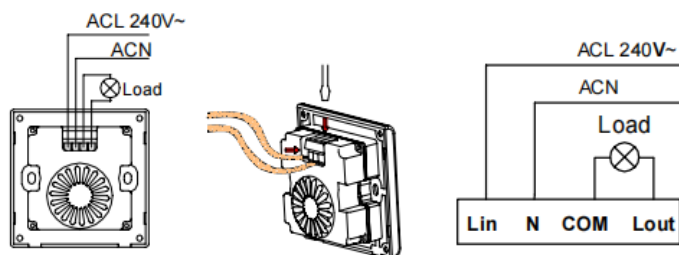
Fig. 3 shows the wiring diagram and Fig. 4 shows the step-by-step installation instructions. There are three easy steps:

### ● Installation Guide:

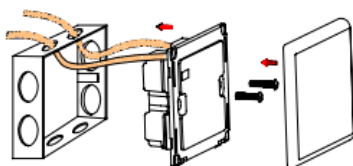
1. Use a screwdriver to gently pry open the surface shell at point A as shown in the figure below.



2. Mark the wiring according to the following wiring diagram 3.



3. Install the screws and cover as shown in the diagram.



**Warning:** Please have qualified professionals install and pay attention to safe operation to prevent electric shock hazards!

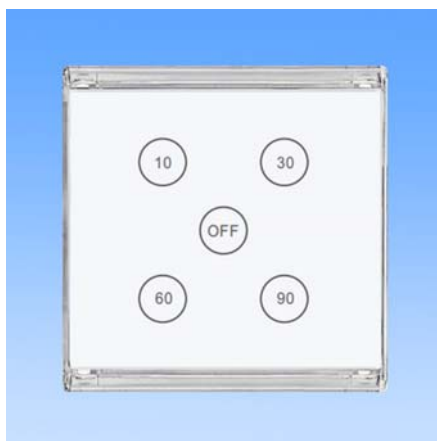
**Fig. 4** BRT-110 Installation Guid

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

### ▶ BRT-121 Operation Guide:

1. On the touch panel, 10 represents a delay of 10 minutes, 30 represents a delay of 30 minutes, 60 represents a delay of 60 minutes, 90 represents a delay of 90 minutes.
2. Central Button: Press the button in the center to turn on the load, press it again to turn the load off
3. Delay off time settings
  - 10: press the button, the load is turned on and the time countdown starts, the LED of this button lights up, the load is turn off after 10minutes runs out, and meanwhile the LED light off accordingly.

The same way to operate for the other 3 buttons 30,60,90



**Fig. 5** Touch Panel

#### **Installation tips:**

1. Please install the switch correctly according to the wiring diagram on the casing. After powering on, there may be a calibration stage when touching this switch for the first time. Wait for a moment, and it will be smooth and comfortable.
2. When installing this product, attention must be paid to waterproofing, steam resistance, and impact resistance, otherwise it may cause malfunctions and electric shock.
3. When cleaning, please use a dry cloth for wiping. Do not wipe with damp or chemically detergent containing cloth, otherwise it may cause electric shock danger and product corrosion damage.

#### **Applications:**

BRT-121 delay off timer switch can be used for automatically turning off all kinds of loads such as fans, LED lights, light strips, UV lights, exhaust fans, pumps, 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-121 delay off switch makes it suitable for wide applications at various locations such as homes, bathroom, schools, laboratories, hospitals, offices, etc.

#### **How to Order:**

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*Product Descriptions of BRT-121*

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