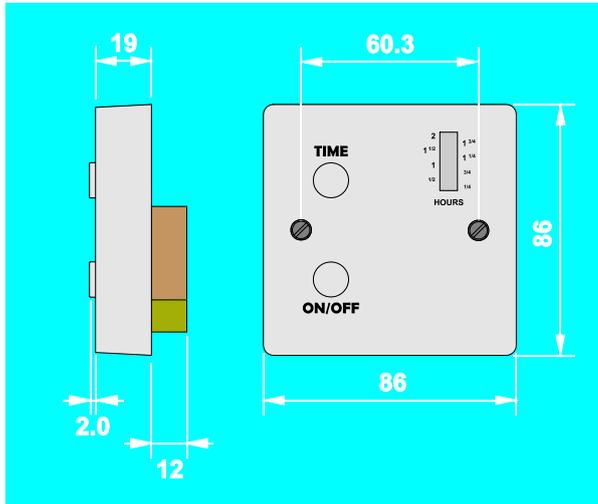




# RBT1 Product Guide

## Run-Back Timer

### Overview

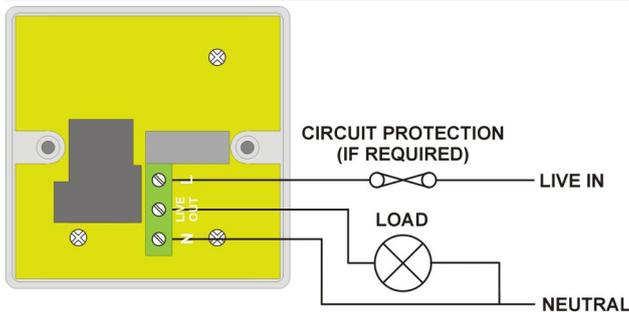


The RBT1 run back timer is a high output electronic timer which provides control for a wide range of loads. Its powerful 20A output makes it particularly suitable for the control of immersion heaters. The unit allows an appliance to be powered for a set time period which can be adjusted by the user. A simple display shows the user how much time is left to run. An ON/OFF switch allows the user to cancel the timing program whilst a memory remembers the last timing sequence selected.

To operate the unit, follow these steps:

1. Press and release the *TIME* button to select the desired time period. The LED will flash next to the selected time.
2. Press the *ON/OFF* button to start—the LED will stay on next to the selected time.
3. As the unit times out the position of the LED will drop down to show how much time is left.
4. Pressing the *ON/OFF* button during timing will turn the unit off.
5. At any stage during timing, pressing the *TIME* button will set a new time period.
6. When the unit has turned off, it is not necessary to select the time period again, just press the *ON/OFF* to repeat the previous time period.

### Installation



**Warning.** This device works at mains potential. Be sure to take care when working with electricity.

1. Make sure the load is connected and in working order.
2. If fitting to a metal back box ensure that top and bottom lugs are removed.
3. Isolate the mains supply to the circuit at the main consumer unit.
4. Connect the controller via the terminal block. Live supply to the *L* terminal, the load to the *LIVE OUT* terminal and neutral to the *N* terminal.
5. Screw the unit to the wall and switch the mains supply back on at the distribution board.

### Specification

<b>LOAD</b>	20 Amp resistive load (including immersion heaters) 6 Amp fluorescent lighting 3 Amp compact fluorescent lighting 3 Amp low energy lighting 3 Amp low voltage lighting (switch primary of transformer) Fluorescent lighting (max 6 fittings recommended)		Flush fixing 25mm steel wall box or 32mm deep cavity wall box. Microgap $\mu$ 4.0mm <sup>2</sup> Flame retardant ABS Class 2 -10°C to 35°C EMC-2014/30/EU LVD-2014/35/EU
<b>SUPPLY VOLTAGE</b>	220-240 Volts AC 50 Hz		
<b>TIME OUT PERIOD</b>	15 minutes to 2 hours in 15 minute increments		
<b>FIXING METHOD</b>	Surface fixing 25mm deep plastic surface mount moulded box.		
		<b>CONTACTS</b>	
		<b>TERMINAL CAPACITY</b>	
		<b>MATERIAL</b>	
		<b>TYPE</b>	
		<b>TEMPERATURE</b>	
		<b>CONFORMITY</b>	
		For further compliance information visit <a href="http://www.cpelectronics.co.uk/compliance">www.cpelectronics.co.uk/compliance</a>	

#### IMPORTANT NOTICE!

This device should be installed by a qualified electrician in accordance with the latest edition of the IEE Wiring Regulations and any applicable Building Regulations.



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