TIMEGUARD®

≡BoostMaster

Model No. TGBD2, TGBD4

Boost ON
2:00

Boost

1. General Information

These instructions should be read carefully and retained for further reference and maintenance.

2. Safety

- Before installation or maintenance, ensure the mains supply to the boost timer is switched off and the circuit supply fuses are removed or the circuit breaker turned off.
- It is recommended that a qualified electrician is consulted or used for the installation of this time switch and installed in accordance with the current IEE wiring and Building Regulations.
- Check that the total load on the circuit including when this boost timer is fitted does not exceed the rating of the circuit cable, fuse or circuit breaker.

3. Technical Specifications

- 230V AC 50 Hz
- Class II
- Unfused
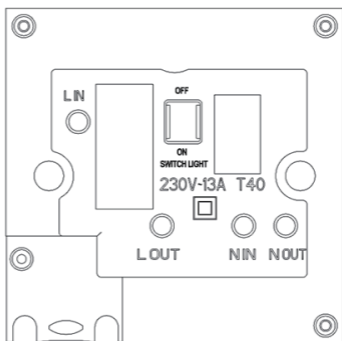- Switch Rating;   13A Resistive (3kW)
                                    1000W filament or halogen lighting
                                    500W Fluorescent lighting
                                    200W LED lighting

- Contact Type: Normally Open
- Minimum Depth of Wall Box: 25mm
- Boost Times: 15minutes - 2 hours (TGBD2)
                                15minutes - 4 hours (TGBD4)
- Power Status: LED indicator
- Operating Temperature: 0°C to +45°C
- CE Compliant
- Dimensions (H x W x D):   85 x 85mm x 35mm
- Front projection: 24mm

Note: Not suitable for use with Discharge Lighting

Also available in the Boost timer range:

- TGBT6 2 hour plug-in boost timer.
- FBT4N 4 hour fused spur boost timer.
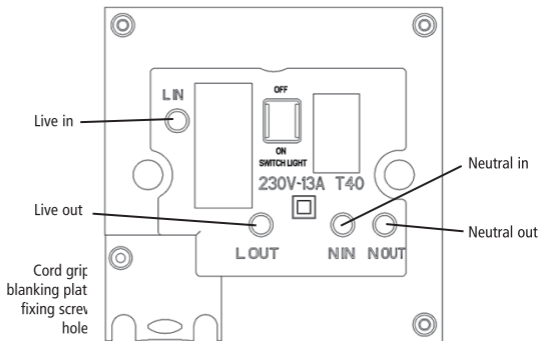
Example

4. Installation

Note: The installation of this electronic time delay switch should be protected by a suitable fuse or breaker of up to 13A rating.

- Ensure the mains supply is switched off and the circuit supply fuses are removed or the circuit breaker turned off.

- Connect the incoming 230V 50Hz supply and outgoing load cables to the relevant terminals ensuring correct polarity is observed and that all bare conductors are sleeved (see section 5. Connection Diagram).

- A front cable exit cut-out is provided with a pre-installed removable cover.

- If the front exiting cable cut-out is required:-

  1. Undo the 2 fixing screws and remove the blanking plate (you can discard the blanking plate at this stage but keep the 2 fixing screws).

  2. Remove the cable grip from the accessory pack.

  3. Using the 2 fixing screws previously removed from the blanking plate, secure the load cable to the unit.

- Select ON/OFF for the boost button backlight:-
  ON - Always ON
  OFF- Always OFF

- Finally secure the unit to the back box with the fixing screws provided, forming the cables during installation to avoid any entrapment and cable damage.

5. Connection Diagram

The terminals are marked as follows on the rear of the boost timer;

Example

Live in

Live out

Cord grip
blanking plate
fixing screw
hole

Neutral in

Neutral out

L IN

OFF

ON
SWITCH LIGHT

230V-13A   T40

L OUT   N IN   N OUT

Mains Supply

Live (Brown or Red) to **L IN**

Neutral (Blue or Black) to **N IN**

Load

Switch Live (Brown or Red) to **L OUT**

Neutral (Blue or Black) to **N OUT**

6. Operation

- The required boost time is selected by pressing the button marked boost, repeatedly. The digital display will show the selected boost period in 15 minute increments.

- The digital display (above the Boost button) will light up and display the time selected:-

  First push gives 15 minutes boost

  Second push gives 30 minutes boost

  Third push gives 45 minutes boost

  Fourth push gives 1 hour boost

  Subsequent pushes of the boost button will increase the time in 15 minute increments.

  Pressing and holding the boost button will increase the time in 1 hour increments.

  Once the maximum rated time of the timer is reached (2 or 4 hours) pushing the boost button again will revert the timer to OFF with the display showing "Boost OFF"

- Once the desired boost time is showing in the display and after approximately 4 seconds of the boost button not being pressed again the connected device to the timer will be switched ON and the display will change to show "Boost ON" and the time remaining.

Note: The TGBD2 (2 Hour Version) gives 15 minute increments and the TGBD4 (4 Hour Version) gives 30 minute increments

7. Stopping or Increasing Boost

• Once the Boost timer is ON and has started to count down it can be stopped at any time by pressing the boost button once. The connected device will be switched OFF immediately.

• The boost period cannot be increased once the count down time has started and the display is showing "Boost ON"

8. LED Backlight Display & Boost Button

• The boost button backlight can be changed to – Permanently ON or Permanently OFF. (Please see section 4)

• The Display backlight will only illuminate once the boost button has been pressed and during the boost ON period.

3 Year Guarantee

In the unlikely event of this product becoming faulty due to defective material or manufacture within 3 years of the date of purchase, please return it to the vendor where the product was purchased from.

Note: A proof of purchase is required in all cases. For all eligible replacements (where agreed by Timeguard) the customer is responsible for all shipping/postage charges outside of the UK. All shipping costs are to be paid in advance before a replacement is sent out.

Note: If you have any concerns that the intended application of this product does not meet your requirements, please contact Timeguard directly prior to installation.

If you experience problems, do not immediately return the unit to the store.
Email the Timeguard Customer Helpline;

HELPLINE
email: helpline@timeguard.com
or telephone 0208 450 0515

Customer Support Co-ordinators will be on-line to assist in resolving your query.

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