
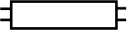





### Cleaning:

- > Clean this switch only with a soft dry cloth
- > Do not use any chemical or abrasive cleaners.

### Capability:

This switch is suitable for switching the following loads:

- > Incandescent lighting 
- > Fluorescent lighting 
- > Low Voltage lighting with wire-wound transformer 
- > Low Voltage lighting with electronic transformer 
- > Extractor fans or other electro-mechanical equipment 

### Eventually, you may want to replace this switch:

When your switch comes to the end of its life or you choose to update or upgrade it by replacing it, please do not dispose of it with your normal household waste, please recycle where facilities exist. When you need to dispose of this switch, check with your retailer or local authority for suitable options. New regulations will encourage the recycling of Waste from Electrical and Electronic Equipment ( European "WEEE Directive" effective August 2005 ).



### If you experience problems:

If your light is defective or develops a fault, please return it to the place where you bought it. You can call our Helpline for advice. The Helpline will gladly give advice on any aspect of any Eterna Lighting product but may not be able to give specific instructions regarding individual installations.

**If in doubt, consult a qualified electrician.**

### Help line:

Tel: 01933 673 144 Fax: 01933 678 083 Email: [sales@eterna-lighting.co.uk](mailto:sales@eterna-lighting.co.uk)  
For answers to frequently asked questions ( FAQs ) and other information visit our web-site  
[www.eterna-lighting.co.uk](http://www.eterna-lighting.co.uk)



# IMPORTANT!

## Safety and Installation instructions

### Time Lag Switch

Push button or touch plate operation

**Model(s)**  
TLS1440, TLS1440TP

### Pack contents:

Electronic time lag switch	1
Fixing screws	2
Blanking plugs	2

**PLEASE READ THESE INSTRUCTIONS BEFORE  
INSTALLING YOUR NEW FITTING**

**PLEASE RETAIN FOR FUTURE REFERENCE**

## Read this first:

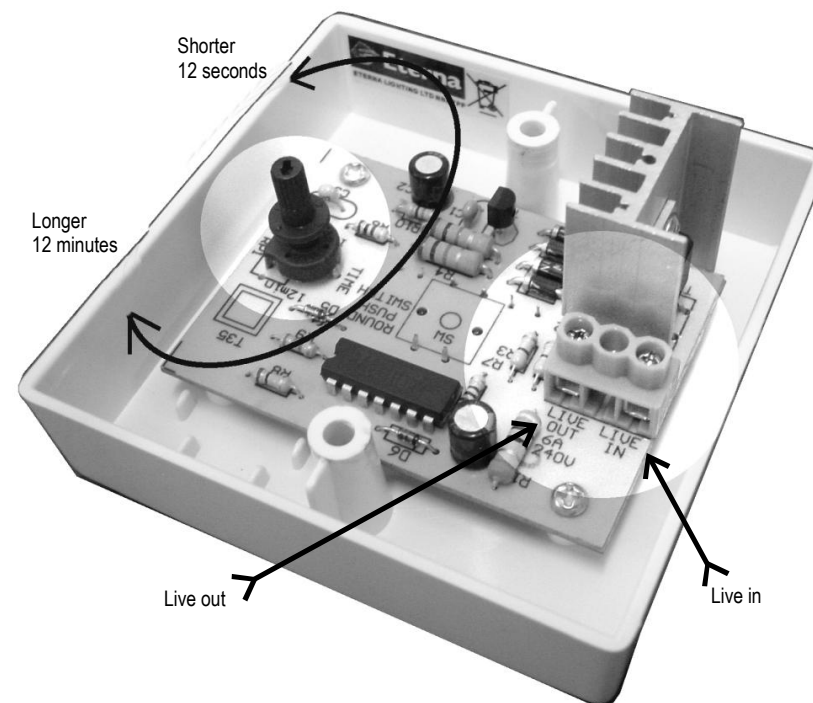
- > **This light fitting must be installed in accordance with the Building Regulations.** These may be obtained from HMSO or viewed and downloaded from [www.odpm.gov.uk](http://www.odpm.gov.uk) following the link for Building Regulations.
- > **If in any doubt, consult a qualified electrician.**
- > Switch off the mains before commencing installation and remove the appropriate circuit fuse.
- > Do not overload the switch, check that the total Wattage of the switched load does not exceed the maximum listed opposite.
- > Disconnect the switch from the electrical supply before flash or high voltage testing.
- > Suitable for indoor use only.
- > This product is only suitable for use in living areas ( not for areas constantly subject to moisture ).
- > Before making fixing hole(s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.
- > Do not attach to surfaces which are damp, freshly painted or otherwise electrically conductive (e.g. metallic surfaces).
- > If the location of your new switch requires the provision of a new electrical supply, the supply must conform with the requirements of the Building Regulations.
- > This switch is double insulated, do not connect any part to earth.
- > You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out: these tests are specified in the Wiring Regulations ( BS7671 ) referred to in the Building Regulations. If in doubt, consult a qualified electrician.

## Installation:

- 1) Your new time lag switch can be installed as a direct replacement for a normal one way wall switch.
- 2) The switch body will fit onto a standard wall box using the screws supplied.
- 3) Lever the mounting screws out from the rear of the case using a small screwdriver
- 4) Connect the switch to the live supply wire at the "LIVE IN" terminal.
- 5) Connect the live wire from your light fitting or other appliance to the "LIVE OUT" terminal.
- 6) Do not connect any neutral wires.
- 7) Do not connect any earth wires.
- 8) Do not connect any ring live wires.
- 9) Adjust the time delay control to minimum ( 12sec ) for testing.
- 10) Fit the switch to the wall box or pattress box and secure using the screws supplied.
- 11) Restore the power and test the switch.
- 12) If any adjustments to the time delay are required, switch off the electricity at the mains before removing the switch to access the control.

## Operation

- 1) Normal—off state: the red light glows inside the switch but the power supply to the light fitting or appliance is interrupted.
- 2) On state: the red light inside the switch is off and power is supplied to the light fitting or appliance. Once the button has been pressed, the power will be supplied to the appliance for the time period set on the internal control ( 12 seconds to 12 minutes approximately ). The power will be interrupted at the end of the time cycle regardless of any additional presses of the button. Once the time cycle has elapsed and the power interrupted, the button can be pressed again and the cycle begun again.
- 3) **NOTE:-** The time lag switch will switch loads of any type up to a maximum of 6A. In a normal incandescent lighting or other resistive load, this is approximately 1400 Watts. You will need to refer to manufacturers literature to determine the start-up current of inductive loads to determine the suitability of this switch to your application. If using this switch to control fluorescent lighting, the light fittings must have a high power factor, if the power factor is low, a power factor correction capacitor will need to be added—consult an electrician or electrical wholesaler for availability..
- 4) This switch uses a transistor and not a relay, this enables faster switching and prevents contact burnout to yield a longer and more reliable operating life.



## Safety markings:

