Eterna

Everyday Lighting For Professionals

INSTALLATION INSTRUCTIONS

A guide for qualified electricians

Model:

TLS1440

Electronic Time Delay Push Switch

Pack contents:
1 x Fitting
2 x Fixing screws
2 x Blanking plugs

These instructions are provided as a guideline to assist you.

PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLATION AND RETAIN FOR FUTURE REFERENCE

EVENTUALLY, YOU MAY WANT TO REPLACE THIS PRODUCT:

Regulations require the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005—UK WEEE Regulations effective 2nd January 2007). Environment Agency Registered Producer: WEE/GA0248QZ.

WHEN YOUR PRODUCT COMES TO THE END OF ITS LIFE OR YOU CHOOSE TO REPLACE IT, PLEASE RECYCLE IT WHERE FACILITIES EXIST - DO NOT DISPOSE WITH HOUSEHOLD WASTE.

CLEANING:

Clean this fitting only with a soft dry cloth.

Do not use any chemical or abrasive cleaners.

IF YOU EXPERIENCE PROBLEMS:

If you believe your product is defective, please return it to the place where you bought it. Our Technical Team will gladly advise on any Eterna Lighting product, but may not be able to give specific instructions regarding individual installations.

Electronic Switch

Email: sales@eterna-lighting.co.uk / technical@eterna-lighting.co.uk

Visit our website: **www.eterna-lighting.co.uk**

Issue 0321

Made in China

READ THIS FIRST:

Check the pack and make sure you have all of the parts listed on the front of this booklet. If not, contact the outlet where you bought this product.

As the buyer, installer and/or user of this product it is your own responsibility to ensure that this fitting is fit for the purpose for which you have intended it. Eterna Lighting cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.

This product is designed and constructed according to the principles of the appropriate British Standard and is intended for normal domestic service.

This fitting must be installed in accordance with the Building Regulations.

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.

INSTALLATION:

01) Your new time lag switch can be installed as a direct replacement for a normal one way wall switch.

02) The switch body will fit onto a standard wall box using the screws supplied.

03) Lever the mounting screws out from the rear of the case using a small screwdriver

04) Connect the switch to the live supply wire at the “LIVE IN” terminal.

05) Connect the live wire from your light fitting or other appliance to the “LIVE OUT” terminal.

06) Do not connect any neutral wires.

07) Do not connect any earth wires.

08) Do not connect any ring live wires.

09) 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:

01) **NORMAL - OFF STATE:** the red light glows inside the switch but the power supply to the light fitting or appliance is interrupted.

02) **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.

03) **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 (7-14 µf).

04) 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.

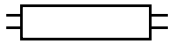
CAPABILITY:

Minimum load is 5 Watts.

This switch is suitable for switching the following loads:

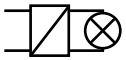
Incandescent lighting

Fluorescent lighting



Low Voltage lighting with wire-wound transformer

Low Voltage lighting with electronic transformer



NOTE: This switch is not suitable for switching LED.