

Instruction Guide

OUTDOOR ILLUMINATED PUSHBUTTON TIMER

550A-1

3 wire

The **Outdoor Illuminated Pushbutton Timer** (3 wire) is part of the Elkay family of switches, timers and detectors which save energy and increase convenience in and around your home, garden or premises.

Rating at 240V ac

- All load types 16A
- Time Delay: 2 min - 2 hrs
- Time cancellation functions
- Re-trigger function
- Blue Locator ring
- IP66

Usage

The outdoor pushbutton sensor is a general purpose time control. Applications for suitable use include lighting, heating and ventilation. The timers can be used independently or as a master unit when using Activator trigger switches.

Mounting and Installation

IMPORTANT Please note that it is essential that the Live in, switch Live Out and Neutral wires are identified prior to commencing installation. Turn off mains supply for installation. Your Elkay unit is compatible with a single gang, 25mm deep, British Standard accessory plate. Please ensure that the top and bottom lugs are removed, if fitted, from metal wall boxes prior to fitting. Ensure that there is adequate space for wiring.

Step 1 – Place the Live In wire into the left hand position of the connector, the switched Live Out wire into the second from left position of the



connector and neutral into right hand position of connector (see diagram 1).

Step 2 – Set the timing as per timing table (see diagram 2). The black square illustrates where the dip switch should be situated. For example: 10min 1 = OFF, 2 = ON, 3 = OFF, 4 = OFF

Step 3 – Re-apply mains supply. The blue locator ring will light up around the touch pad. Your light source or appliance, will now be switched off. Please refer to operation section.

Outdoor Installation

Outdoor Unit can only be used in conjunction with the surface mount box supplied. Take the surface mount box and remove the knock out section. It is recommend the hole is cut with a 20mm hole saw for cleanest effect. If required and to ensure IP66 waterproof rating, please use a suitable M20 cable gland use appropriate sealing washers. Mount the surface mount box on a secure surface using the mounting pack supplied. Place screw cover seals over the mounting screws. It is essential that the correct IP 66 rated connections are made to keep the integrity of the IP rated back box maintained. Mount timer unit onto surface mount box using the four screws at all four corners ensuring even connection with the seal-Place screw cover seals over left and right screw cavities. Clip on front fascia plate.

Continued overleaf...

Diagram 1

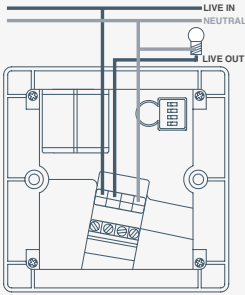


Diagram 2 - Time settings

Please note:

The black bar denotes the position of the dip switch.



Flexible Cable – It is always better to use cable glands with flexible cable, with the gland connected at the bottom, rather than through the top. Ensure sealing washers are used with all connections and all glands and connections are done up tightly with a spanner to ensure water tightness.

SWA Glands – SWA glands can be used but must be IP rated. The IP rating for the SWA gland guarantees only the connections to the SWA cable. You will still need a nylon sealing washer to maintain the IP rating from the gland to the switch housing back box. As a general rule, nylon washers work best with this type of application. Rubber washers can deform when used with metal glands. Connections must be done up tightly with a spanner to ensure water tightness.

Important Notice

All wiring should be carried out by a competent person or a qualified electrician and should be fitted to current IEE wiring regulations BS 7671. The circuit should be isolated before carrying out any work. Failure to adhere to the instructions will invalidate the warranty.

Technical Helpline

For further help or assistance or information on this or other products in the range please call the Elkay Technical team on +44 (0)28 9061 6505. Please call the Technical helpline before returning any products to your stockist. These instructions are available in other languages. Please refer to our website www.elkay.co.uk Instrukcje są również dostępne w innych językach. Prosimy o zapoznanie się z naszą stroną internetową www.elkay.co.uk lub www.elkaypolska.pl

Operation of the Unit

1. Press the push button/touch pad and the red LED light up briefly. Your light source or appliance will now be switched on.
2. At any time during the working of the light source or appliance, the push button/touch pad can be pressed to reset the timing sequence to the originally set time, e.g. when the timing period is 30 minutes, if push button/touch pad is pressed 15 minutes into the sequence, the timer will re-set for a further 30 minutes.
3. To end the timing sequence prematurely, press and hold the push button/touch pad until the red LED flashes continuously indicating the last minute of operation. Your light source or appliance will be switched off, after one minute.
4. At one minute prior to the end of the timing sequence, the red LED will begin to flash continuously for the last minute of operation. The blue locator ring will then illuminate once the light source or appliance has gone off.

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