

# pushbutton sensor touch sensor

energysense  
energystyle  
energyoutdoor

## push button/touch sensor fitting & operating instructions

Product: 350A-1, 350A-2, 360A-1, 360A-2, 750A-1, 760A-1, 550A-3,  
550A-4, 560A-3, 560A-4 **Two wire.**

The **push button/touch sensor** are 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

Incandescent 16A

Fluorescent 16A

Compact Fluorescent 16A

Time Delay 2mins - 2hours.



**WHEN USED WITH SOME LOW WATTAGE LIGHTING, PLEASE ENSURE A POWER FACTOR CORRECTION CAPACITOR OF 2 MICROFARADS (MINIMUM) IS FITTED.**

### USAGE

The push button/touch sensors are general purpose time controls. Applications for suitable use include lighting, heating and ventilation. The timers can be used independently or as a master unit when using slave trigger switches.

## MOUNTING AND INSTALLATION

**Important** Please note that it is essential that the Live In wire and switch Live Out is 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. (see diagram 1)

**Step 2** To set time, as per timing table, use switches one through three. Depending on required time available from 2 minutes to 2 hours. E.g 10 minutes = switch one – off, switch two – on, switch three – off. (see diagram 2)

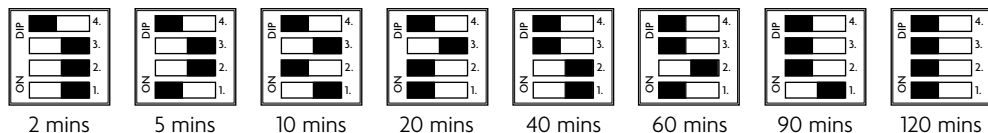


Diagram 2

**Step 3** Switch on battery (switch 4) – you will notice a red LED light on the front of the unit – which will be flashing rapidly. Whilst this is in action, attach the unit with the screws to the wall, then clip on the front fascia plate. The red light will change to a single flashing light every 2.5 seconds approx. Re-apply the mains supply. The light, or chosen appliance, will now start. Press and hold the button for a maximum of 2.5 seconds. The flashing red LED will go off. The blue locator ring will light up around the push button/touch pad. Your light source or appliance, will now be switched off. Please refer to operation section.

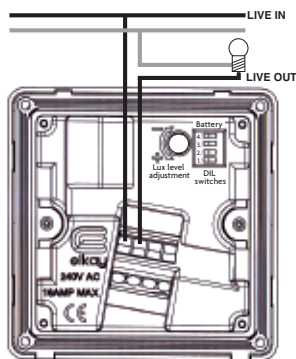


Diagram 1



Elkay Electrical, Coleshill, Birmingham, England.

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## INSTALLATION NOTES

N.B If the mains power has not been applied and the push button/touch pad is pressed the blue locator ring will flash once. The unit will then revert to the rapid flashing mode and the sequence must be repeated.

N.B From the rapid flashing mode, if the installation sequence is not progressed, the unit will revert to sleep mode after a period of 10 minutes. To re-activate the unit press and hold the push button/touch pad for approximately 5 seconds.

## OUTDOOR INSTALLATION

**Please note only products in the Elkay energy outdoor range are suitable for use outdoors. Elkay energy outdoor can only be used in conjunction with the surface mount box supplied.**

Take the surface mount box and remove knock out section. If required and to ensure IP66 waterproof rating, please use a suitable M20 cable gland. Mount the surface mount box on a secure surface using the mounting pack supplied. Place screw cover seals over the mounting screws.

**Turn off mains supply before proceeding with installation** - Install as per previous timer instructions - Mount unit onto surface mount box using the fixing screws at all four corners - Place screw hole seals over left and right screw cavities - Clip on front fascia plate - Re-instate mains supply.

## OPERATION

1. Press the push button/touch pad and the red LED will light up. 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.

## OPERATION NOTES

If the Elkay timer does not receive power for a period of over seven days, please turn battery off, using switch 4.

In the case of power failure, your Elkay timer will attempt to automatically re-start, which will cause the blue locator ring to flash. The unit will attempt to locate the power source for a total of five minutes. Each recovery attempt will increase by a minute each time. This will be repeated 25 times before the unit will power down to sleep mode. During this time, pressing and holding the push button/touch button for approximately 10 seconds will initiate a further recovery attempt.

## IMPORTANT NOTICE

All wiring should be carried out by a competent person or a qualified Electrician in accordance with the current IEE Wiring Regulations. If unit is faulty return to place of purchase.

## TECHNICAL HELPLINE

For further help, or information on this and the other products in the Elkay range visit [www.elkay.co.uk](http://www.elkay.co.uk) or call 01675 468222.



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