

# pushbutton timer

energybasic

## pushbutton timer fitting and operating instructions

### outdoor pushbutton timer - two wire (for lighting only)

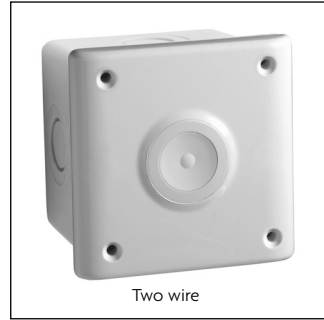
**Product:** 550B-3 Two wire

**Rating at 240V ac**

- Incandescent 10A    ▪ Compact Fluorescent 10A
- Resistive 10A    ▪ Fluorescent 10A    ▪ Time Delay 2min - 1h

This product can ONLY be used with the back box supplied and can be used in outdoor and bathroom applications. Failure to use the back box provided will invalidate the warranty. It is essential that the correct IP66 rated connections are made to keep the IP66 rating of the back box maintained.

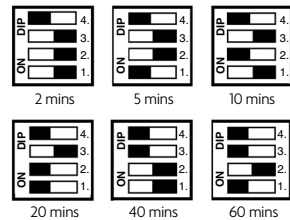
1. Take the surface mount box and remove knockouts as required. Ideally remove with a hole saw for cleanest effect and remove any burrs. Drill a small 3mm drain hole at the back of the box in the position marked 'DRAIN'. Drill out wards from the inside of the box.
2. Mount the surface mount box on a secure surface using the mounting pack supplied. Place screw cover seal over the rear mounting screws after screwing the box to the wall.
3. It is essential to maintain the IP rating with all connections to the box. Please use a suitable M20 cable gland and use appropriate sealing washers. For steel wired armoured connections to the box use a nylon 20mm seal to maintain IP rating.
4. Prior to fitting the switch to the box identify the live and switch live by test.
5. Switch dip switch Number 4 ( Battery Switch) to the ON position. Set the dip switches to the required time settings using dip switch diagram 3.
6. Fit the live and switch live into the correct terminals as marked. See Diagram 1.
7. Secure front with the 4 small screws supplied and tighten evenly from opposite corners to opposite corners. Do not push or force screws.
8. Turn on the mains power.
9. Press button to switch lights ON.
10. The product will turn itself off when the time period selected has elapsed.
11. The product can be switched OFF after 5 seconds by pressing and holding the button.
12. If mains power is to be switched off for any length of time then please switch off Battery switch 4. Switch back on when supply is restored.



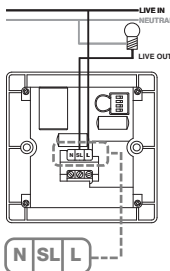
NOTE: Capacitor will be required when switching all low power loads such as LEDs, 2D fittings, energy saving lamps or any low power consuming loads. 2 wire electronic switches CANNOT be used with contactors.

### Diagram 3

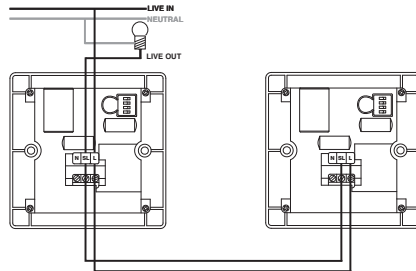
Please note that the black bar denotes the position of the dip switch.



**Diagram 1**  
Wiring diagram for a two wire unit.



**Diagram 2**  
Wiring diagram for two wire additional Switches/PIR into circuit.



**IMPORTANT NOTICE**

All wiring should be carried out by a competent person or a qualified electrician and should be fitted to IET 17th Edition Wiring regulations BS 7671:2008.



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