



PRODUCT RANGE

PNEUMATIC TIME DELAY SWITCH

PART NUMBER

NL5720A

FEATURES

- Rating at 240V.a.c.
- All Load Types 6A
- Incandescent 6A
- Resistive 6A
- Compact Fluorescent 3A (6 fittings max)
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- Time Delay 5secs - 5min

INSTALLATION INSTRUCTIONS

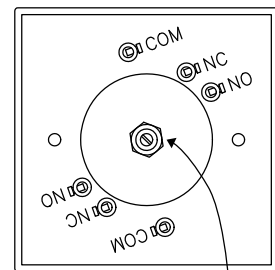
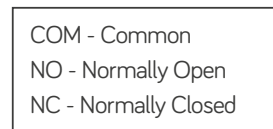
The NL5720A Pneumatic Time Delay Switch is designed to save energy in and around your home or business premises.

Typical Use: New Installation or replacement for an exiting single gang switch for lighting applications.

1. **Mounting:** Ideally suitable for mounting on most standard square box with two mounting lugs. Any additional mounting lugs found on a metal box must be removed in case it results in a short circuit to earth with the common terminal or causes an obstruction that prevents the faceplate from sitting flush onto the back box. Avoid over tightening the mounting screws as this may cause the switch cover to distort and could lock the plunger in the ON position.
2. **Operation:** The switch is operated by pressing the plunger in to make the circuit. The plunger will gradually return to its normal position during the time delay. The face plate is moulded in a semi-translucent material and therefore it is normal to occasionally see a flash when the switch contacts make or break.
3. **Timing Adjustment:** Delay timing is set and adjusted by turning the timing screw at the back of the unit, clockwise to increase and anti-clockwise to decrease the time delay. Close attention must be paid when making adjustment. From a starting point press plunger in and check time delay first. If time delay need adjustment, turn timing screw very slightly clockwise to increase time delay and anti-clockwise to decrease time delay. After each adjustment check delay time and repeat process if necessary until the desired time delay is achieved. Due to mechanical nature of the timing mechanism its important not to over tighten the screw otherwise the plunger could become stuck in the ON state.

DIAGRAM 1

Single contact timers only have one set of contacts fitted.



Timing Screw

DIAGRAM 2

Typical Circuit for Corridor Lighting (i.e. Lights will stay on until the last timer goes off).

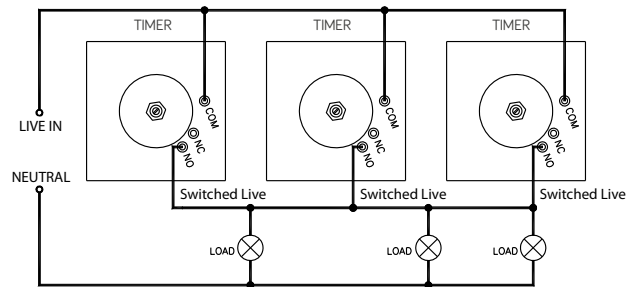
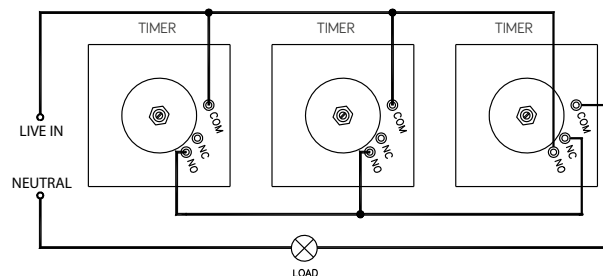


DIAGRAM 3

Typical Circuit for Staircase Lighting where the Live and Switched Live are at different positions.



IMPORTANT NOTICE

All wiring should be carried out by a competent person or a qualified electrician and should be fitted to IEE Wiring regulations BS7671. The circuit should be isolated before carrying out any work. Failure to adhere to the instructions will invalidate the warranty.