



PRODUCT RANGE

ELECTRONIC TOUCH TIME DELAY SWITCH - MASTER

PART NUMBER

NL5740A TWO WIRE

FEATURES

- Time Delay 2min-2hr
- Rating at 240V.a.c.
- All Load Types 16A

APPLICATION

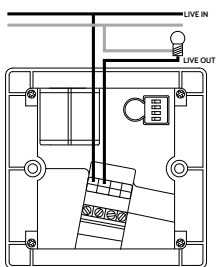
This is a Master unit that can be used in any conventional lighting circuit. For 2 way switching and intermediate functions all additional switches wired with it must be Newlec Touch Slave Switches (NL5750A) wired together in 3 core cable. The unit is compatible with a single gang, 25mm deep British Standard accessory plate.

A Newlec NL5705A Capacitor will be required when switching compact fluorescent or very low power lighting. For example: 2D fittings, energy saving lamps, LEDs or any low power consuming loads.

INSTALLATION INSTRUCTIONS

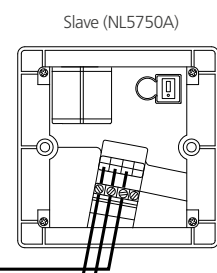
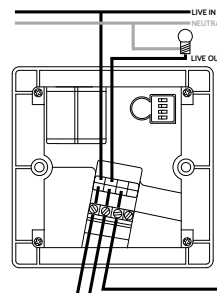
1. Ensure that the mains power to the circuit is switched off. Place the previously identified Live In into the terminal marked L in and the switch live out into the L out terminal. If installing with slaves ensure all switches are fitted and wired together correctly as in Diagram 2 before commencing with the next step.
2. Switch the battery (Dip switch 4) to the ON position. A small red LED will flash rapidly at the front of the switch. Whilst this is flashing select the time period required by referring to Diagram 3. The black bar denotes the position of the dip switch.
3. Attach the unit with the screws to the wall and then clip on the front fascia plate.
4. The red LED should now be flashing brightly every 3 seconds. Apply the mains power. The load will default on and you should now touch and hold the touch plate until the blue neon indicator appears and your load switches off. Your switch or switches are now ready for use.
5. Adjust lux level to the desired setting. Please note the PIR should be carefully adjusted when considering ambient light levels.
6. The product will turn itself off once the required time has elapsed and there is no longer any movement detected.
7. Please ensure device is screwed back to the backbox once installation is complete.

DIAGRAM 1



Wiring diagram for a single touch unit

DIAGRAM 2



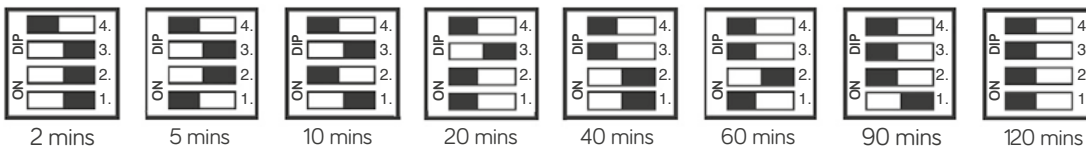
Slave (NL5750A)
Wiring diagram for touch unit with slave

IMPORTANT NOTICE

All wiring should be carried out by a competent person or a qualified electrician and should be fitted to IEE 17th Edition Wiring regulations BS7671:2008. The circuit should be isolated before carrying out any work. Failure to adhere to the instructions will invalidate the warranty.

DIAGRAM 3

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



OPERATION

1. Touch the touch plate and the red LED will light temporarily and your load will switch on. The load will be on for the time period you have selected.
2. At any time during the timing sequence the switch can be pressed again and the timer will re start for the time period selected.
3. To end the timing sequence prematurely touch and hold the pad until the red LED starts flashing and 60 seconds after switches off the load.
4. In normal operation, at one minute before the end of the timing sequence, the red LED will flash continuously for the last minute of operation. The blue locator ring will then illuminate once the load has switched off.

STANDBY MODE

This product requires a 24 hour power supply. The battery inside the unit recharges when the load is switched off. Where the supply may be interrupted or isolated regularly then we must recommend a 3 wire version with a neutral.

If the Touch Time Delay Switch terminal does not receive power the unit will try to latch back onto the mains power 25 times over 5 hrs at gradually lengthening periods. If unsuccessful, the unit will go into standby mode and default the load to ON. In order to get the switch out of standby, touch the touch plate for 15 seconds and the red LED will illuminate. Simply follow step 4 of Installation instructions and the unit will return to normal operation.

SLAVE FITTING

Please see Diagram 2 for details of how to wire the Master unit to the slave unit. When connecting Masters and Slaves together ensure 3 core cable is used.

The third terminal is the trigger terminal and is unmarked on the slave and Master. The fourth terminal on both Masters and Slaves should not be used as it has no function.

THIS PRODUCT IS NOT SUITABLE FOR USE WITH CONTACTORS. DO NOT INSULATION RESISTANCE TEST, REMOVE FROM CIRCUIT OR TEST INSULATION BEFORE FITTING.

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