



PRODUCT RANGE

OUTDOOR ELECTRONIC TOUCH TIME DELAY SWITCH

PART NUMBER

NL5730A THREE WIRE

FEATURES

- Time Delay 2min-2hr
- Rating at 240V.a.c.
- All Load Types 16A
- Incandescent 16A
- Compact Fluorescent 16A
- IP66 Rating
- Resistive 16A
- Fluorescent 16A

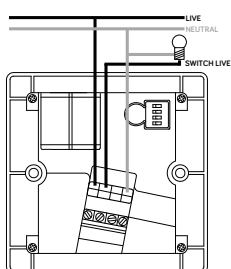
A Newlec NL5705A Capacitor will be required when switching compact fluorescent or very low power lighting. For example: 2D fittings, energy saving lamps, LEDs or any low power consuming loads.

APPLICATION

Lighting, heating and ventilation control - particularly good for switching outdoor heaters. (Max one switch per outdoor heater).

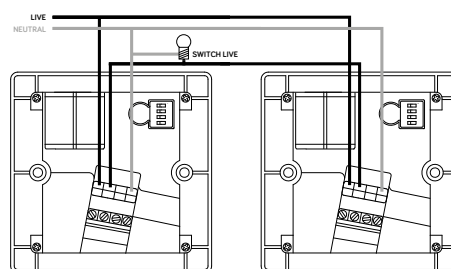
1. Outdoor Touch Time Delay Switch can only be used in conjunction with the surface mount box supplied. Turn supply OFF before commencing installation and follow appropriate safe isolation methods.
2. Take the surface mount box and remove the knock out section with a 20mm hole saw for cleanest effect.
3. Mount the surface mount box on a secure surface using the mounting pack supplied. Ensure that fixing screw seals are placed into back box to maintain seal.
4. To ensure IP66 waterproof rating is maintained please use a suitable 20mm gland and use appropriate sealing washers.
*Please see additional notes relating to cable selection methods.
5. Identify Live In, Switch Live & Neutral wires. Set time delay dip switch as required (See Diagram 3 below). Black bar denotes position of the dip switch.
6. Fit Live to L In, Switch Live to L Out and Neutral to N. DO NOT USE BLANK TERMINAL.
7. Remove clip-on fascia from the timer, secure timer with four corner screws ensuring gradual tightening to surface mount box then re-fit fascia.
8. Once installation is completed, turn mains power ON, the Blue locator ring will light up and the load will remain OFF.
9. To operate the timer touch the sensor pad. The red LED will illuminate once to show activation. The Load will switch ON and the Blue locator ring will switch OFF. The timer will switch OFF when the time period selected elapses. (The red LED flashes during the last 60seconds before timing out.
10. To cancel time delay, touch and hold the sensor pad and once the Red LED starts flashing remove finger and the load will switch OFF 60 seconds later.

DIAGRAM 1



Wiring diagram for a single touch unit.

DIAGRAM 2



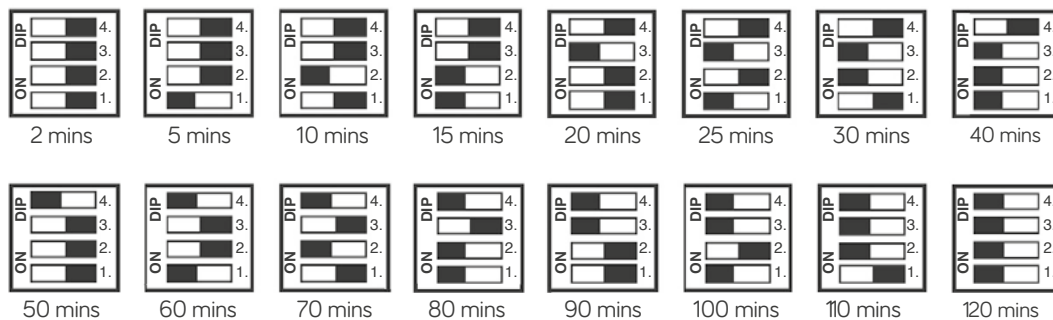
Wiring diagram for multiple touch units.

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.

DIAGRAM 3

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



NEWLEC FLEXIBLE CONDUIT-CONTRACTOR PACK

If the installation requires conduit we recommend that the most ideal method is to utilise the Newlec Contractor Pack NLNY20KITP. This contains 10 metres of flexible conduit, 10 straight quick fit one piece fittings and 10 ACB conduit clips. This method is beneficial as it does not require use of sealing washers as the sealing element is built in to the conduit fitting and gives an overall IP rating of IP66 with the timer.

FLEXIBLE CABLE

It is always better to use cable glands when using flexible cable, with the gland connected at the bottom or side knockouts, rather than through the top of the back box. 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. Glands are always better connected at the bottom or side knock outs, rather than through the top of the back box.

FAILURE TO MAINTAIN IP RATING WITH ALL OUTDOOR CONNECTIONS OF CIRCUIT WILL INVALIDATE THE WARRANTY. DO NOT INSULATION RESISTANCE TEST, REMOVE FROM CIRCUIT OR TEST INSULATION BEFORE FITTING.

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.