



Wiring Accessories

Weatherproof Light Sensitive Outdoor Timer Switch

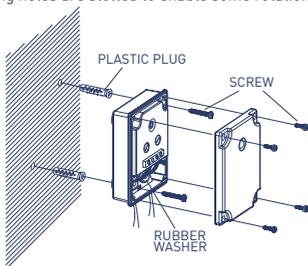
Installation Instructions

Before commencing work always isolate the power at the consumer unit/fuse box.

1. The unit should be mounted on a clean, rigid vertical surface suitable to accept screw type fixings. Surface should be reasonably flat as unevenness could cause product damage or affect operation. Position where there is sufficient difference in day/night light conditions, so that the sensor is not affected by external or internal lighting. It is recommend that the unit is placed at a height greater than 1.7m.

Please note: The lighting controller unit must be connected to a lighting circuit that is fused at 6A maximum.

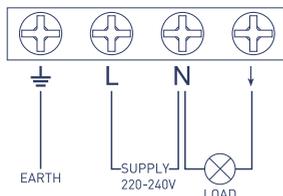
2. Remove fixing screws & remove front assembly from the rear box (if front assembly is fitted to base). The load and supply cables should then be passed through the rubber washers. Mount the rear box using No.6 in at least two of the four locations (two locations are pre-drilled). (See diagram below). The fixing holes are slotted to enable some rotation adjustment if required.



Fixing screws and plastic plugs not supplied.

Note - Power cord specification: Max = 2 x 2C or 3C 1.5mm² Round PVC or Rubber cable (2 x H05RN-F 3C/2C 1.5mm² or 2 x H05RR-F 3C/2C 1.5mm² max).

3. Strip outer insulation of cables as required, and then trim insulation on individual wires to expose conductor ends. Connect the supply and load wires to the corresponding terminals as shown in the diagram below.



Connect Brown Live wire to Live terminals (Supply to 'L', Load to 'L')
Connect Blue Neutral wire to Neutral terminal (N). Connect Green/ Yellow Earth wire to [symbol] terminal.

Note: the colours of wires will be dependent on the type of cable used.

For your safety, this product must be installed in accordance with local Building Regulations. **If in any doubt, or where required by the law, consult a competent person who is registered with an electrical self-certification scheme.** Further information is available online or from your Local Authority.

Please read carefully and use in accordance with these safety wiring instructions. Before commencing any electrical work ensure the supply is switched off at the mains. Either by switching off the consumer unit or by removing the appropriate fuse or turning off MCB (trip). Wiring should be in accordance with the latest edition of the IET regulations (BS 7671).

To prevent fire hazard always use cable of the correct rating & type for the application.

Warning do not exceed the load rating of this device as stated on the rear of the product.

Note - As from 1st April 2004 new colour codes for hard wire installations were introduced.

EARTH = Green/Yellow Slewing

NEUTRAL = Black (pre Apr 04) / Blue (after Apr 04)

LIVE = Red (pre Apr 04) / Brown (after Apr 04)



If installed correctly this BG Electrical Weatherproof product provides an IP55 level of protection, this means that the sealed construction provides a good level of protection against the ingress of both water & dust.

Safety Instructions

Please read carefully before installation.

1. An outdoor location should be chosen ensuring adequate access to a mains supply circuit. The circuit **MUST** be protected by an appropriate fuse, circuit breaker or RCD (Residual Current Device) in accordance with current IET wiring regulations.

2. Where conduit is used for cable runs, water condensation **MUST** be prevented from collecting inside the unit & conduit. Drain holes **MUST** be drilled out (see Installation Instructions)

3. If metal conduit is used, earth continuity across the conduit must be maintained using appropriate connections (not supplied). An earth terminal in the Rear Box is provided as required.

4. Where outdoor cable runs occur, ensure cable recommended for outdoor installations is used.

The outdoor use of unprotected flat PVC insulated cable is **NOT** recommended.

Care

4. All earth connections MUST be made and continuity maintained. Where any earth conductor has a bare wire it MUST be sleeved with Green/Yellow sleeving.

5. Ensure all terminal screws are tight, and all wires are neatly routed & not unduly stretched or pinched.

6. After wiring the unit is now ready for testing before final assembly. Turn the right dial switch to the "D-D" position, and turn power back on. CAUTION - DO NOT TOUCH TERMINALS.

7. Testing. First, cover the light sensor above the dials. The connected light will turn on after 10 seconds. Uncover the sensor and the light will turn off after 10 seconds.

8. Light Sensitivity Adjustment. The activation light level (or Twilight Setting) can be adjusted by rotating the left dial. (from 3 lux to 1000 lux). Or alternatively to set the activation light level use a small screwdriver or blunt point, and hold in the "M" button on the side of the unit for 1 second.

9. Operation Selection

The unit has options for the length of time the connected light will remain on after the activation light level has been reached.

The following options can be selected using the right dial.

10. "D-D" - the connected light will go on at dusk, and off at dawn (according to the light level set).

"2H" - light will turn off after 2 hours.

"4H" - light will turn off after 4 hours.

"6H" - light will turn off after 6 hours.

"8H" - light will turn off after 8 hours.

Once the desired settings have been made, re-fit cover and secure accordingly.

Do not overload the timer switch.

Max Load

1000W - Resistive Load

500W - Inductive Load

Troubleshooting

Malfunction	Remedy
Unit does not switch on	Check connections
Unit turns on and off when connected to a light source	Make sure that connected light does not shine on unit
Unit does not switch off	Check if sensor window is being obstructed

This BG Electrical Nexus Storm Weatherproof accessory is made from polycarbonate material that is durable with a high impact resistance. During the life of the product any cleaning should be carried out with a damp cloth using a mild detergent & warm water. DO NOT USE solvent based cleaners as these may cause damage.

Technical

Voltage : 240V ac

Load : 1000 Watts - Max Resistive Load

500 Watt - Max Inductive Load

IP Rating : IP55 (with cover securely fitted)

Batch Code Explanation

yyWxx Manufacturing date code, year of manufacture (yy) and week of manufacture (Wxx)

Address/Helpline

Luceco PLC
Stafford Park 1
Telford TF3 3BD
ENGLAND

(EU) Luceco SE
C/ Bobinadora 1-5
08302 Mataró
SPAIN

If you have further technical assistance you can get in touch with our

Technical Helpline on:

+44 (0)3300 249 279

technical.support@bgelectrical.co.uk

Environmental Protection



This symbol is known as the "Crossed-out Wheelie Bin Symbol". When this symbol is marked on a product or battery, it means that it should not be disposed of with your general household waste. Some chemicals contained within electrical/electronic products or batteries can be harmful to health and the environment. Only dispose of electrical/electronic/battery items in separate collection schemes, which cater for the recovery and recycling of materials contained within. Your co-operation is vital to ensure the success of these schemes and for the protection of the environment.