WPODKITIL-A

Wiring Accessories

Weatherproof 13A Socket Kit with RCD Plug

Safety Warning

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 Sleeving
NEUTRAL = Black (pre Apr 04) / Blue (after Apr 04)
LIVE = Red (pre Apr 04) / Brown (after Apr 04)

If installed correctly BG Electrical Weatherproof products provide an IP66 level of protection, this means that the sealed construction provides a very high level of protection against the ingress of both water & dust. The cover will seal regular sized plugs, however the cover must be closed and secured when in use to provide the IP rating protection. Do not allow water to enter the socket with the cover open.

Safety & Installation Instructions

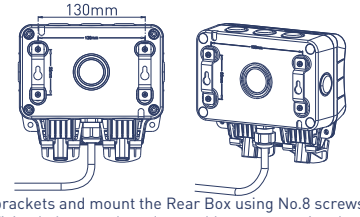
Before commencing work always isolate the power at the consumer unit/fuse box.
Please read carefully before installation.

1. An outdoor location should be chosen for the Socket Enclosure ensuring adequate access to an indoor 13A Socket within suitable distance for plugging in RCD Plug with supplied cable.

2. 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.

3. A mounting bracket interface is pre-fitted on rear face. This fixing arrangement via keyhole slots allows quick & easy installation without dismantling unit. It is recommended to use the unit in this way.

Fix two No.8 screws into wall on 130mm fixing centres. To mount, engage screw heads into keyhole slots & slide unit downwards to secure.

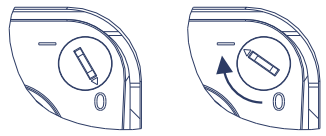


Alternatively remove the 2 brackets and mount the Rear Box using No.8 screws in all 4 holes on the fixing centres shown below. The fixing holes are slotted to enable some rotational adjustment if required. Fit supplied Bungs over all fixing screw positions to seal aperture recesses.

For extra sealing protection, channels around the fixing holes are provided to accept a bead of sealant (not supplied) when fixing to mounting surface.

To allow access to the 4 fixing screw holes in the Rear Box, remove the Front Assembly by turning the captive 150° turn fasteners anticlockwise from I to 0.

After fixing Rear Box to wall, refit the Front Assembly to Rear Box, secure using the quick fix fasteners. Turn 150° clockwise with a suitable flat bladed screwdriver to tighten, from 0 to I – DO NOT OVER TIGHTEN.



Fastener in open position Fastener in locked position

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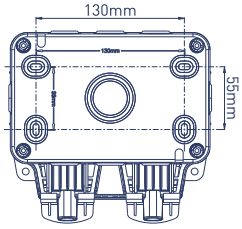
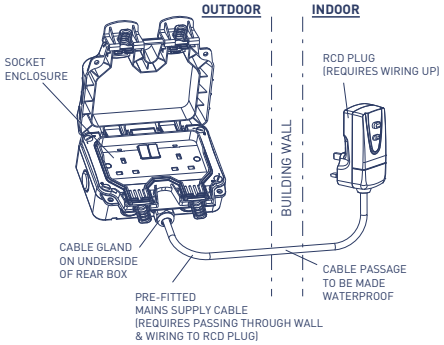
NOTE
The rear knock-out cable entry & drain hole features should be ignored if product is used as supplied. The drilling out of drain hole or removing rear knock-out will reduce the IP rating of the product.

If necessary, an alternative cable entry position may be used. To do this dismantle Front Assembly from Rear Box. When re-fitting Cable Gland, ensure Back Nut & Domed Nut are fully tightened to seal cable entry, & the relevant Blank Plug is re-fitted.





RCD Plug Wiring

The RCD Plug MUST be plugged into an indoor 13A socket, conveniently located from the outdoor Socket Enclosure, & within reach of the supplied mains cable.

1. Choose a suitable location on the outdoor wall, clear from any pipes or other cables & make suitable hole through wall, door or window frame to accept passage of mains supply cable from Socket Enclosure.

2. Pass cable through hole & route roughly to intended socket to determine required cable length & cut to suit. Do not cut too short.

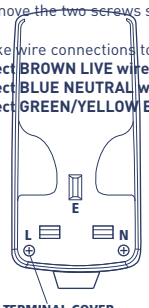
3. On indoor side of wall, strip outer insulation 24-26mm from end of cable & then trim individual wires 7-8mm to expose conductor ends.

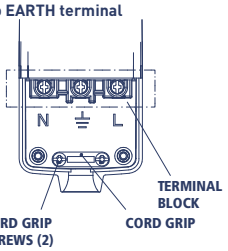
4. Seal around cable passage through hole to make weatherproof.

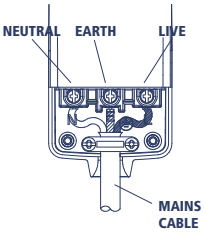
5. Undo two screws securing terminal cover & remove cover to expose terminal block.

6. Remove the two screws securing cord grip.

7. Make wire connections to terminals as follows: -
Connect BROWN LIVE wire to LIVE (L) terminal
Connect BLUE NEUTRAL wire to NEUTRAL (N) terminal
Connect GREEN/YELLOW EARTH wire to EARTH terminal







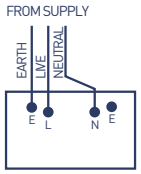
Ensure terminal screws are tight.

8. Replace Cord Grip & Terminal Cover to complete RCD wiring.

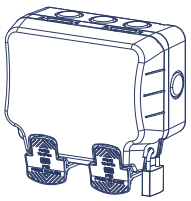
9. Plug RCD into indoor socket. The product is now ready to use - see RCD OPERATING INSTRUCTIONS. Check outdoor Socket is working & ensure Cover & Catch operate correctly.

10 . See wiring diagram below for details If socket needs to be rewired for any reason, Tighten terminal screws securely (Do not overtighten).

Double Socket



11. For security to prevent unwanted tampering of the socket, the cover has two lug features with 6mm holes, this will accept a padlock or similar locking security device (not supplied).



RCD Safety Advice

What is a safety RCD plug?
The safety RCD (Residual Current Device) plug continuously monitors the power supply to any electrical appliance wired into it, and cuts off the power within 40 milliseconds if an earth current fault is detected. This is fast enough to prevent a fatal electrical shock.

Electrical appliances can become dangerous if the wiring becomes loose, if they or their power cords become damaged or if they get wet. Electrocution is also possible if fingers, wet hair or other conductive bodies enter the appliance. In all these cases the safety RCD socket will instantly cut off the electricity before anyone receives a potentially fatal electric shock.

Non-Latching operation
If the unit loses supply - perhaps in a power cut or when a hazardous earth fault occurs - the RCD plug will trip and cut the power supply. When the supply resumes the outdoor Socket will remain off until the RCD plug has been reset by pressing the RESET button.

IMPORTANT
DUE TO NON-LATCHING OPERATION, IT IS RECOMMENDED TO REGULAR CHECK ANY CONNECTED EQUIPMENT AS IT WILL REMAIN OFF AFTER A POWER CUT - EVEN AFTER POWER IS RESUMED - UNTIL THE RCD IS RESET.

RCD Operating Instructions

PLEASE READ OBSERVE THE **RCD TEST PROCEDURE RCD SERVICE CONDITIONS** BEFORE USE.

RCD TEST PROCEDURE
Stage 1: Insert the RCD plug into a 13A mains socket switch on.

Stage 2: Press RESET (orange) button and the ORANGE indicator should appear.

Stage 3: Press the TEST button.
The ORANGE indicator will disappear from the CLEAR window.

DO NOT USE UNIT IF THE ORANGE INDICATOR REMAINS

Stage 4: Press the RESET button.
The RCD has now been set for safe use provided the ORANGE indicator shows in the CLEAR window.

FUSING
The RCD Plug is fitted with a 13A Fuse to BS1362. To replace Fuse, lever out Fuse carrier with small screwdriver eject Fuse.

RCD SERVICE CONDITIONS
This RCD is only suitable for use under the following conditions of service:

a) An ambient temperature range of -5°C to + 40°C, with an average value not exceeding + 35°C over one full day.

b) An altitude not exceeding 2,000 m above sea level.

c) An atmosphere not subject to excessive pollution by smoke chemical or flammable fumes; salt-laden spray; prolonged periods of high humidity or other abnormal conditions.

d) Not suitable for exposure to direct radiation from the sun or other source of heat likely to raise the temperature above the designated ambient, or areas subject to excessive vibration.

WHERE SERVICE CONDITIONS DIFFER FROM THOSE PRESCRIBED ABOVE THE ADVICE OF THE MANUFACTURER OR RESPONSIBLE VENDOR SHOULD BE SOUGH.

AN RCD SOCKET SHOULD NOT BE USED AS A SUBSTITUTE FOR BASIC ELECTRICAL SAFETY.

Care

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 : 250V ac
Frequency : 50/60Hz
Rating : 13A
Terminal Capacity : 3 x 2.5mm², 3 x 4mm², 2 x 6mm²
IP Rating : IP66 (when cover securely closed)

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.