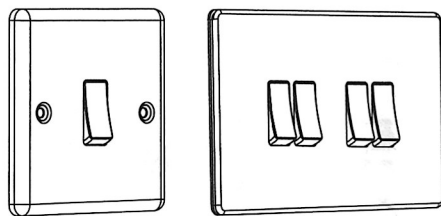


# Light swithes and fan isolator

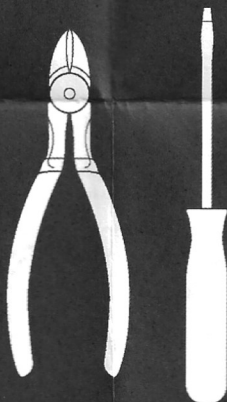


**GoodHome**

GHPSWL-A/BX220IM



**IMPORTANT -**  
Please read the following instructions carefully before using the appliance and retain for future reference.



**CONTENTS -**  
x 1 Switch  
x 2 Fixing Screws

## Part numbers

### Raised Edge Light Switches and Fan Isolator

EBN42B	5059340135502	EPC42W	5059340133980	EBS42W	5059340132112
EBN12B	5059340135243	EPC12W	5059340133508	EBS12W	5059340131634
EBNTS1	5059340135403	EPCT1S1	5059340133829	EBST1S1	5059340131955
EBNTS2	5059340135434	EPCT2S2	5059340133867	EBST2S2	5059340131993
EBN43B	5059340135519	EPC43W	5059340134062	EBS43W	5059340132198
EBN15B	5059340135465	EPC15W	5059340133904	EBS15W	5059340132037
EBN13B	5059340135311	EPC13W	5059340133669	EBS13W	5059340131795

### Screwless Light Switches and Fan Isolator

FBN42/GH	5059340134048	FPC42/GH	5059340133034	FBS42/GH	5059340132013
FBN12/GH	5059340133683	FPC12/GH	5059340132655	FBS12/GH	5059340131658
FBN43/GH	5059340134086	FPC43/GH	5059340133072	FBS43/GH	5059340132051
FBN15/GH	5059340134000	FPC15/GH	5059340132990	FBS15/GH	5059340131979
FBN13/GH	5059340133768	FPC13/GH	5059340132747	FBS13/GH	5059340131733

## Safety

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.

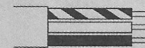
Wire Identification - Twin & Earth Cable

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

EARTH= Green/Yellow Sleaving

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

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



## Wiring instructions

### Power off

- Before commencing work always isolate the power at the consumer unit / fuse box.
- Note - If your installation uses a four-lug metal mounting box, remove the top and bottom lugs or bend fully back.

### Replacing an existing accessory

- Unscrew the accessory from the wall/mounting box.
- Note the cable connections:

The illustration shows 1 wire of each colour connected to each terminal. There should be an additional connection between the mounting box earth terminal and the accessory earth terminal.

- Unscrew each terminal to release the wire.

### New installation

- Install mounting box (metal or moulded) for either flush or surface mounting, ensuring appropriate size of product (Mounting box to be purchased separately).
- Select the most suitable entry point of the mounting box (knock-out) and route the cables through. If a metal box is used, a cable grommet should be fitted to the entry point.
- Cables should be prepared so a sufficient conductor length reaches the terminals. Strip the ends of the individual conductors leaving an adequate length bare to enter terminals.

### Connection (See diagram)

- Line up the new accessory to mounting box and take note of where each terminal is located.
- Connect each wire to the matching terminal.

An earth connection should always be made between the mounting box earth terminal and the accessory earth terminal, where fitted.

All bare earth wires must be sheathed with green/yellow sleaving. When connecting the new accessory ensure that only the bare end of the wire enters the terminal and no bare wires are visible.

- Tighten terminal screws securely. (Do not over tighten)

### Complete installation & test

- Carefully position the accessory into the mounting box, ensuring that no wires are trapped between the plate and the wall and secure with screws (do not over tighten) then insert screw covers (optional).
- Once the installation has been completed correctly, replace the fuse/reset MCB (trip), switch the power back on at the consumer unit and test.

### Switch types

- One Way Switching

One way switching is used in installations that require just one switch to control a light (or circuit) i.e. on or off.

A two-way switch can be used for one way connection, use COM and L1 terminals. For multiple gang switches (2, 3, & 4) repeat.

- Two Way Switching

Two way switching is used where a light is controlled by two switches. For multiple gang switches (2, 3, & 4) repeat.

- Intermediate Switching

Intermediate switching is used in installations that require three or more switches to control a light, and should be used together with two 2-way switches.

### Additional advice for decorative products

Fixing method varies depending on which product range is supplied. Always ensure wall surface is reasonably flat and smooth, with no bumps or projections. Metal frontplates WITH screw fixing holes, fix the unit to the back box using two fixing screws supplied. All Decorative products MUST have an earth connection between the frontplate and back box. Frontplates WITHOUT screw fixing holes. These products comprise main unit with integral gasket, and frontplate as separate item. Fix unit to back box using two fixing screws supplied. Clip frontplate onto main assembly, ensuring screwdriver notch is located bottom right hand corner.

To remove plate, place medium size flat bladed screwdriver in notch and lever off against gasket.

### Care

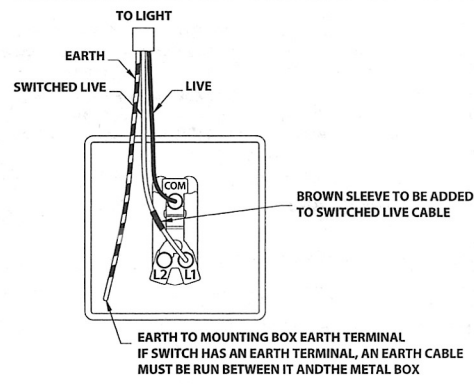
To maintain the high quality appearance of decorative finish switches and sockets, We recommend the use of a soft cloth periodically to clean the front face. When installing a decorative product please ensure that the wall is decorated, finished and free of moisture prior to installation.

We recommend avoiding using, but not restricted to, these substances from becoming in contact with the decorative metal front-plates when cleaning or decorating:

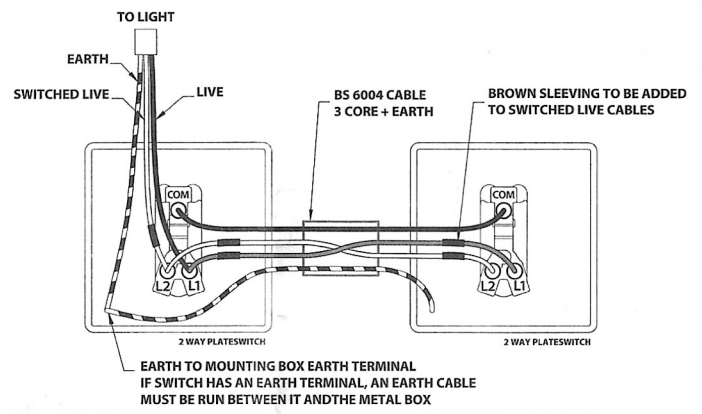
- Adhesive tape, including low tack masking tape
- Solvents
- White spirit
- Multi surface cleaners
- Industrial multipurpose cleaning wipes
- Wet wipes

Using items like those listed above may cause a degrading effect to the front-plates lacquer/plated finish, although the function will remain unaffected.

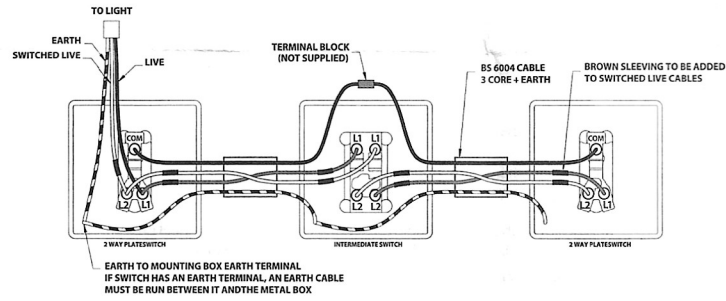
## One way switching



## Two way switching



## Intermediate switching



## Technical data

Voltage : 220-240V ac  
 Frequency : 50/60Hz  
 Plate Switch Rating : 20A 16AX  
 Fan Isolator Rating : 10A 3 Pole  
 Terminal capacity : 4 x 1mm<sup>2</sup> 4 x 1.5mm<sup>2</sup> 2 x 2.5mm<sup>2</sup> 1 x 4mm<sup>2</sup>  
 Min box depth (profiled plates) : 1 & 2 gang switches 16mm Fan, 3, 4 & 6 gang switches 25mm  
 Min box depth (flat plates) : 25mm

### ASTA Approved

The ASTA quality mark is evidence that the product has been independently tested to comply with the relevant clauses of the applicable standards.



## Environmental protection



This symbol is known as the "Crossed-out Wheeled 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.

## Fan isolator - 3 pole switch

During repair or installation or routine maintenance the power supply to the fan unit must be disconnected. This isolating switch can be installed as shown in the diagrams to enable the remainder of the circuit to remain live.

These instructions should be read in conjunction with the instructions supplied with the fan unit and the latest IET Wiring Regulations.

Please follow the appropriate wiring diagram for your particular installation.

### Important

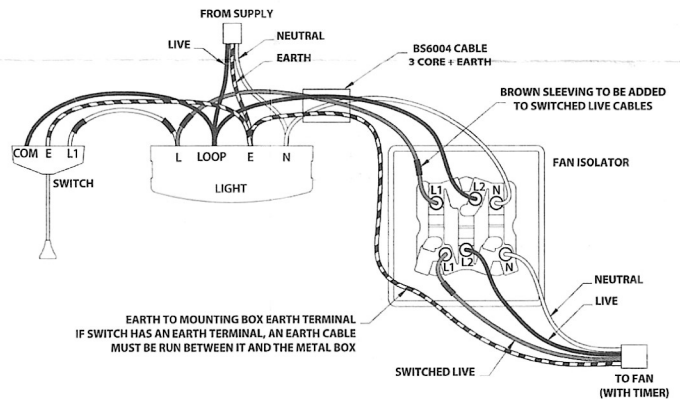
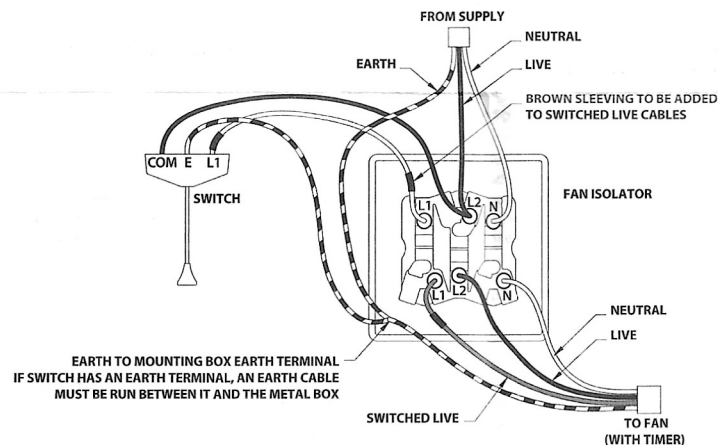
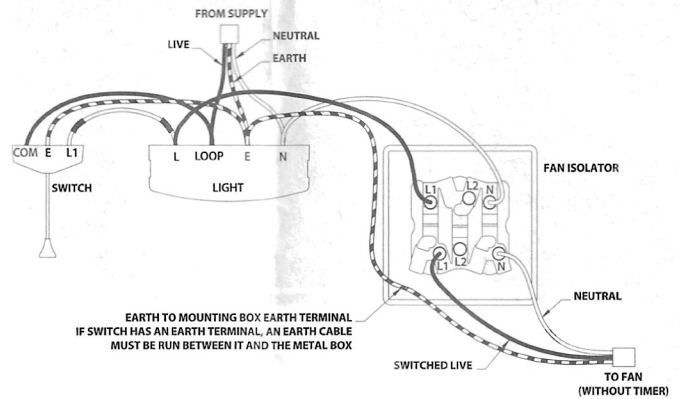
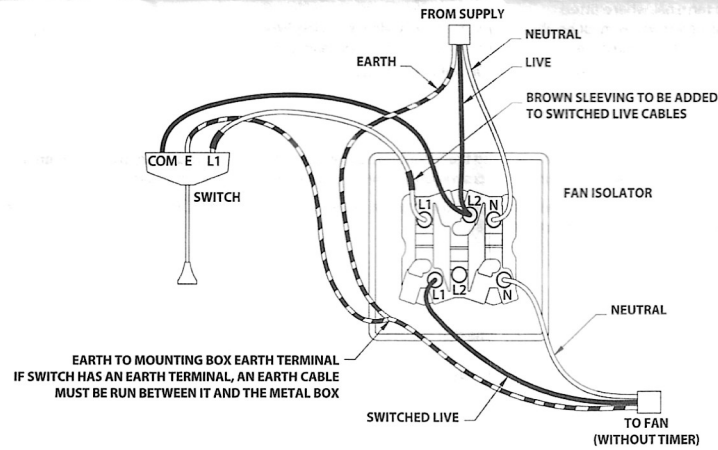
The continuity of the protective conductors must be maintained.

The isolator switch shall be so situated as to be inaccessible to a person using a fixed bath or shower.

## Batch code explanation

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

## Fan isolator switching



## Addresses

**UK Manufacturer:**  
 Kingfisher International Products Limited,  
 3 Sheldon Square, London,  
 W2 6PX, United Kingdom

**EU Manufacturer:**  
 Kingfisher International Products B.V.  
 Rapenburgerstraat 175E,  
 1011 VM Amsterdam, The Netherlands  
[www.kingfisher.com/products](http://www.kingfisher.com/products)

**Distributor:**  
 B&Q Limited,  
 Chandlers Ford, Hants,  
 SO53 3LE, United Kingdom  
[www.diy.com](http://www.diy.com)