



Technical Data

10 Amp 10 AX Switches

Brief product description:

BG's Nexus range of plate switches have been designed to perform at 10AX inductive loads. The Brushed Stainless Steel range of screwed flat-plate is suitable for domestic and commercial applications. The Fan Isolator switch has a triple pole switching design, however can be used for double pole applications if required.

Features:

- All switches 10 Amp, 10AX inductive rated
- Captive terminal screws
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Plate-switches manufactured to BS EN 60669-1, fan isolator to IEC 60669-2-4
- Minimum mounting box depth 25mm

Product Images



SBS12/ SBS13



SBS15



SBS42



SBS43

Technical Specifications

Standard(s)	BS EN 60669-1(Plate-switches), IEC 60669-2-4(fan isolator)
Rating	10 Amp, 10AX inductive rated
Contact Gap	3.0mm minimum
Terminal Capacity	4 x 1.0mm ² 4 x 1.5mm ² 2 x 2.5mm ² 1 x 4.0mm ²
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	25mm
Fixing Centres	60.3mm
Size	86.0mm x 86.0mm x 21.2mm

Weights & Dimensions

Cat No.	Description	Pack Quantity			Dimension (W x L x H) cm			Weight (g)			CMB (m ³) Outer Box
		Each	Inner Box	Outer Box	Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	
SBS12	1 gang, 2 way	1	10	100	3.3 x 9 x 9.2	20 x 18 x 9.8	41.5 x 52.5 x 19	xx	xx	xx	
SBS13	Intermediate	1	10	100	3.3 x 9 x 9.2	20 x 18 x 9.8	41.5 x 52.5 x 19	xx	xx	xx	
SBS15	3 pole fan isolator	1	10	100	3.3 x 9 x 9.2	20 x 18 x 9.8	41.5 x 52.5 x 19	xx	xx	xx	
SBS42	2 gang, 2 way	1	10	100	3.3 x 9 x 9.2	20 x 18 x 9.8	41.5 x 52.5 x 19	xx	xx	xx	
SBS43	3 gang, 2 way	1	10	100	3.3 x 9 x 9.2	20 x 18 x 9.8	41.5 x 52.5 x 19	xx	xx	xx	

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Packaging Information

Cat No.	Description	Barcode			Cat No.	Description	Barcode		
		Individual	Inner Box	Outer Box			Individual	Inner Box	Outer Box
SBS12	1 gang, 2 way	5050765005739	/	/	SBS15	3 pole fan isolator	505076500xxxx	/	/
SBS13	Intermediate	5050765005746	/	/	SBS42	2 gang, 2 way	5050765005753	/	/
					SBS43	3 gang, 2 way	5050765005760	/	/

Installation Information

Safety Warning

Before use 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.

Wiring should be in accordance with the latest edition of the IEE regulations (BS 7671).

Wire Identification – Twin & Earth Cable

EARTH = Green/Yellow Slewing

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

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



Technical Helpline: 0845 194 7584
If in doubt consult a competent electrician.

The ends of the individual conductors should have the insulation removed by approx. 12mm. Any bare earth conductors should be sleeved to within 12mm of the ends. (These details are for general information only and conductor lengths may need to be trimmed in certain installations).

General Installation Instructions

- 1) If using the new product to replace an old one, note the cable connections and wire up new product in the same way as the old one, with Earthing as stated in these instructions.
- 2) Ensure the mounting box (metal or patress) for either flush or surface mounting is the appropriate size for the product.
- 3) Route the cable through the most suitable entry point of the mounting box. If a metal box is used, a protective cable grommet should be used.
- 4) Cables should be prepared so a sufficient conductor length reaches the terminals. Strip the ends of the individual conductors so that an adequate length enters the terminals.
- 5) Carefully arrange the wiring to lie along the edges of the product or box, keeping the central area clear.
- 6) To assist with the correct installation please consult the appropriate wiring diagram on this leaflet.
- 7) When connecting the new accessory ensure that only the bare end of the wire enters the terminal, and no bare wires are visible.

Always tighten the terminal screws securely, but do not overtighten.

An earth connection should always be made between the mounting box earth terminal, and the accessory earth terminal, where fitted. If this earth wire is bare, it is essential that it is sheathed with a length of green/yellow sleeving.

8) Carefully position the accessory into the wall box, ensuring that no wires are trapped between the plate and the wall. Do not overtighten the screws. (Fit screw covers + clip-on)

9) Once work has been completed correctly, replace the fuse for the circuit, switch the power back on, and test.

The product is now ready for use.

* Note - If your installation uses a four lug metal mounting box, remove the top and bottom lugs or bend fully back.

It is essential the gasket is fitted between product and wall, to reduce possibility of discolouration of front plate edges due to natural moisture in some wall finishes.

To keep the finish of this product, wipe over with soft cloth periodically.

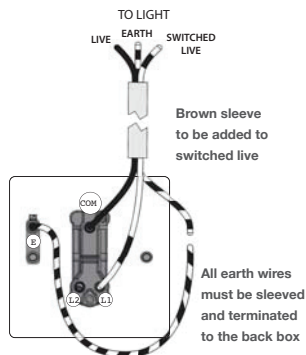
All Decorative products MUST have an earth connection between the front-plate and back box

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.

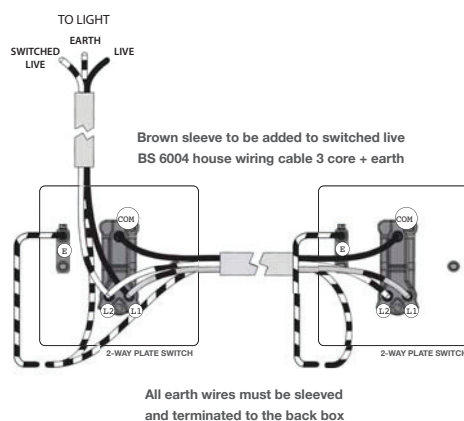
For multiple gang switches (2, 3, 4 & 6) repeat wiring method for each switch.



Two Way Switching

Two way switching is used where a light is controlled by two switches.

For multiple gang switches (2, 3, 4 & 6) repeat wiring method for each switch.

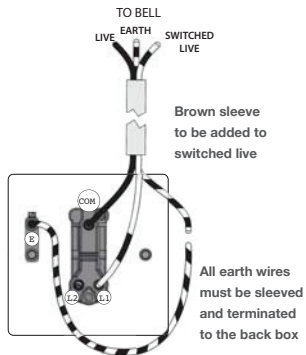


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Installation Information

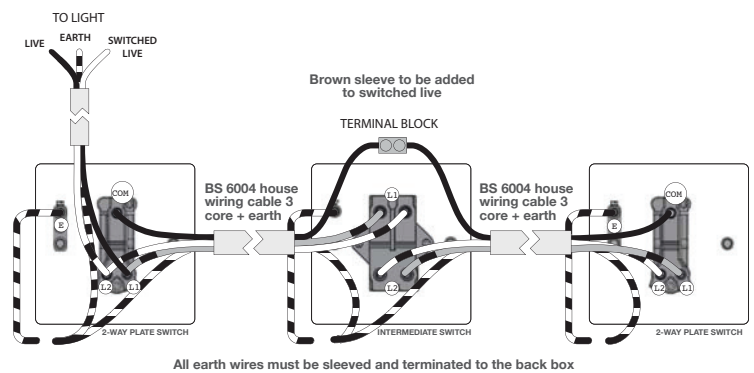
Bell Push

The bell push is a one way switch with a retractive rocker switch. Before installing, ensure a bell unit is suitable for supply voltage.



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.



Fan Isolator - 3 Pole Switch

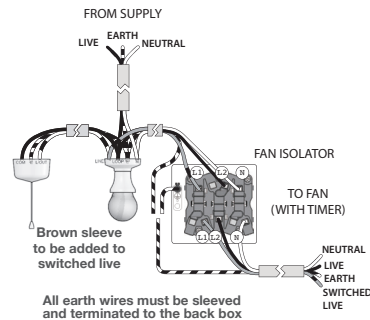
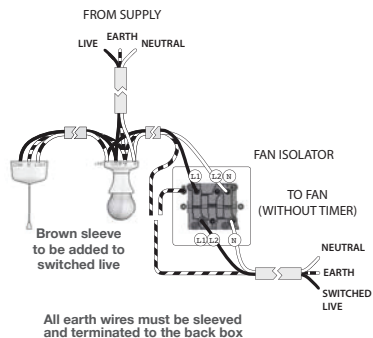
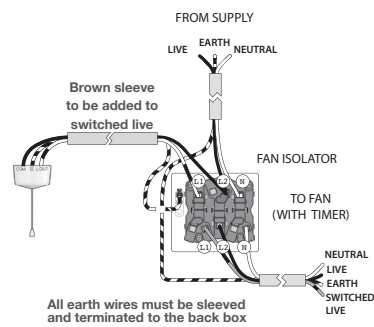
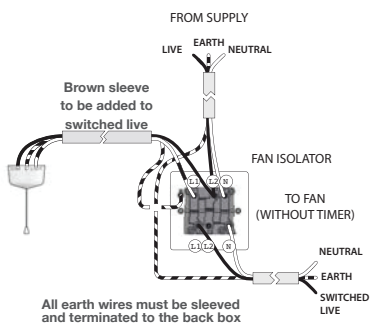
During repair or installation or routine maintenance the power supply to the fan unit must be disconnected. This isolating switch can be installed as shown in the diagrams to enable the remainder of the circuit to remain live.

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

Please follow the appropriate wiring diagram below 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.



To maintain the high quality appearance of decorative finish switches and sockets, BG Electricals 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. Please note that it can take several weeks for the chemicals in paint or wallpaper paste to become inert. Before this time there is a danger that they will react with the product if it has a metal faceplate.

BG recommends avoiding using, but not restricted to, the substances from becoming in contact with the decorative metal front-plates when cleaning or decorating;

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

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