Technical Data

10 Amp - 10AX Architrave Switches

Brief product description:

BG's Nexus range of plate switches have been designed to perform at 10AX inductive loads.The subtle design will blend with any décor - suitable for domestic or commercial installations.

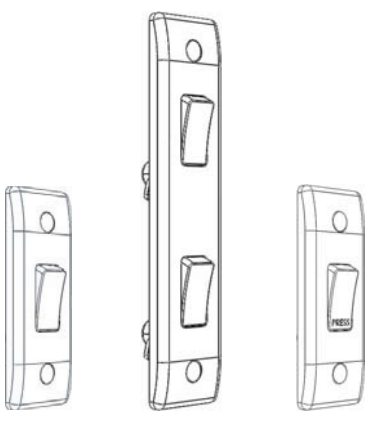
Features:

- Stylish modern profile
- Covers to conceal fixing screws
- Available from 6 to 50A rating
- Colour coded terminals with backed out captive screws for easy installation
- 10 Amp, 10AX inductive rated

Technical Specifications

Standard(s)	BS EN 60669-1
Rating	10 Amp 250V~
	(10AX - no derating for inductive or fluorescent loads)
Contact Gap	3.0mm minimum
Terminal Capacity	4 x 1.0mm² 4 x 1.5mm² 2 x 2.5mm² 1 x 4.0mm²
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	16mm
Fixing Centres	60.3 vertical (847, 849 products)
	120.6mm vertical (848 products)
Size	87.5mm x 33mm x 21.2mm (847, 849 products)
	147.5mm x 33mm x 21.2mm (848 products)

Line Diagrams



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Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity			Barcode		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
847	10AX 1G, 2W	Nexus PolyBag	Nexus Inner	Nexus Outer	1	20	200	5050765008310		
848	10AX 1G, 2W	Nexus PolyBag	Nexus Inner	Nexus Outer	1	10	100	5050765018104		
849	10AX (Retractive) 1G,2W	Nexus PolyBag	Nexus Inner	Nexus Outer	1	20	200	5050765018111		

Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (g)			CMB (m^3)
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
847	10AX 1G, 2W	/	Xx x Xx x XX	Xx x Xx x XX	XXX	XXX	XXXX	XXXXXXXX
848	10AX 1G, 2W							
849	10AX (Retractive) 1G,2W							

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 Sleeving

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.

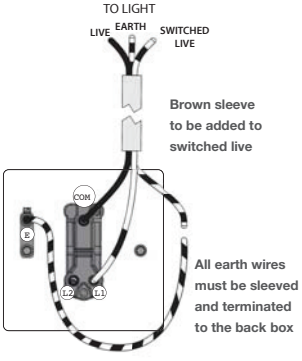
The product is now ready for use.

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

One Way Switching

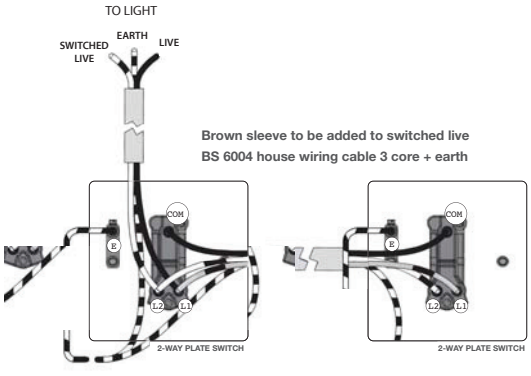
One way switching is used in installations that require just one switch to control a light (or circuit) i.e. on or off.

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



All earth wires must be sleeved and terminated to the back box