



Technical Data

10 Amp 10 Ax Wide Rocker Switches

Brief product description:

BG's Neo Slimline range of wiring accessories, sleek polycarbonate with screwless clip-on front plate, available in gloss white and decoarative finishes.

Features:

- All switches 10 Amp, 10AX inductive rated
- Manufactured to BS EN 60669-1
- Captive terminal screws
- Terminal capacity 4 x 1.0mm², 4 x 1.5mm², 2 x 2.5mm² & 1 x 4.0mm²
- Minimum mounting box depth
1 & 2 Gang 16mm
3 & 4 Gang 25mm
- Concealed fixing screws

Product Images



PCWH11W



PCWH12W



PCWH13W



PCWH14W



PCWH42W



PCWH43W



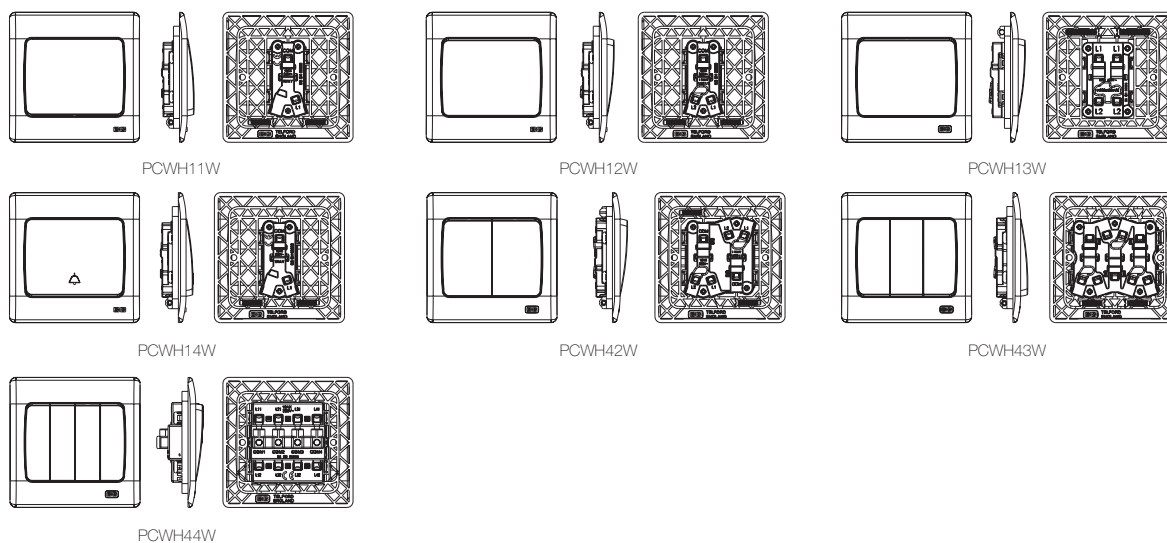
PCWH44W

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 - L & N	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)	16mm (PCxx11W, PCxx12W, PCxx14W, PCxx13W, PCxx42W) 25mm (PCxx43W, PCxx44W)
Fixing Centres	60.3mm (PCxx11W, PCxx12W, PCxx14W, PCxx13W, PCxx42W products) 120.6mm (PCxx43W, PCxx44W products)
Size	86mm×86mm×22.5mm (PCxx11W, PCxx12W, PCxx14W, PCxx13W, PCxx42W,PCxx43W) 86mm×86mm×30.5mm (PCxx44W)

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Line Diagrams



Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box
PCxx11W	1 Gang 1 Way, Wide Rocker	BG Printed Bag	BG Printed Box	BG Brown Carton	1	10	100
PCxx12W	1 Gang 2 Way, Wide Rocker	BG Printed Bag	BG Printed Box	BG Brown Carton	1	10	100
PCxx14W	Bell Push, 1 Way, Wide Rocker	BG Printed Bag	BG Printed Box	BG Brown Carton	1	10	100
PCxx13W	1 Gang Intermediate, Wide Rocker	BG Printed Bag	BG Printed Box	BG Brown Carton	1	10	100
PCxx42W	2 Gang 2 Way, Wide Rocker	BG Printed Bag	BG Printed Box	BG Brown Carton	1	10	100
PCxx43W	3 Gang 2 Way, Wide Rocker	BG Printed Bag	BG Printed Box	BG Brown Carton	1	10	100
PCxx44W	4 Gang 2 Way, Wide Rocker	BG Printed Bag	BG Printed Box	BG Brown Carton	1	10	100

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
PCxx11W	10AX 1G, 1W	2.25x11.5x22	9.5x15x18.5	21.5x32.5x51	53	615	6770	0.036
PCxx12W	10AX 1G, 2W	2.25x11.5x22	9.5x15x18.5	21.5x32.5x51	55	635	6970	0.036
PCxx14W	Bell Push, 1W	2.25x11.5x22	9.5x15x18.5	21.5x32.5x51	54	625	6670	0.036
PCxx13W	1G, Intermediate	2.25x11.5x22	9.5x15x18.5	21.5x32.5x51	62	705	7670	0.036
PCxx42W	2G, 2W	2.25x11.5x22	9.5x15x18.5	21.5x32.5x51	68	755	8020	0.036
PCxx43W	3G, 2W	2.25x11.5x22	9.5x15x18.5	21.5x32.5x51	78	865	9170	0.036
PCxx44W	4G, 2W	3.05x11.5x22	9.5x18.5x20	23x38.5x50.5	89	950	10290	0.0447

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Barcodes

Cat No.	Description	White (WH)			Champagne (CH)		
		Product	Inner Box	Outer Box	Product	Inner Box	Outer Box
PCxx11W	1 Gang 1 Way, Wide Rocker	5050765039383	5050765039703	5050765040020	5050765041249	5050765041515	5050765041782
PCxx12W	1 Gang 2 Way, Wide Rocker	5050765039390	5050765039710	5050765040037	5050765041256	5050765041522	5050765041799
PCxx14W	Bell Push, 1 Way, Wide Rocker	5050765039406	5050765039727	5050765040044	5050765041263	5050765041539	5050765041805
PCxx13W	1 Gang Intermediate, Wide Rocker	5050765039413	5050765039734	5050765040051	5050765041270	5050765041546	5050765041812
PCxx42W	2 Gang 2 Way, Wide Rocker	5050765039420	5050765039741	5050765040068	5050765041287	5050765041553	5050765041829
PCxx43W	3 Gang 2 Way, Wide Rocker	5050765039437	5050765039758	5050765040075	5050765041294	5050765041560	5050765041836
PCxx44W	4 Gang 2 Way, Wide Rocker	5050765039444	5050765039765	5050765040082	5050765041300	5050765041577	5050765041843

Barcodes

Cat No.	Description	Silver (SL)			Pearl White (PW)		
		Product	Inner Box	Outer Box	Product	Inner Box	Outer Box
PCxx11W	1 Gang 1 Way, Wide Rocker	5050765102117	5050765102186	5050765102254	5050765103213	5050765103282	5050765103350
PCxx12W	1 Gang 2 Way, Wide Rocker	5050765102124	5050765102193	5050765102261	5050765103220	5050765103299	5050765103367
PCxx14W	Bell Push, 1 Way, Wide Rocker	5050765102131	5050765102209	5050765102278	5050765103237	5050765103305	5050765103374
PCxx13W	1 Gang Intermediate, Wide Rocker	5050765102148	5050765102216	5050765102285	5050765103244	5050765103312	5050765103381
PCxx42W	2 Gang 2 Way, Wide Rocker	5050765102155	5050765102223	5050765102292	5050765103251	5050765103329	5050765103398
PCxx43W	3 Gang 2 Way, Wide Rocker	5050765102162	5050765102230	5050765102308	5050765103268	5050765103336	5050765103404
PCxx44W	4 Gang 2 Way, Wide Rocker	5050765102179	5050765102247	5050765102315	5050765103275	5050765103343	5050765103411

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: 03300 249 279
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 slewing.

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.

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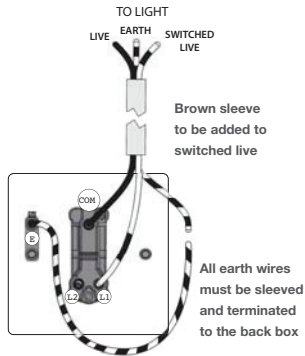
Installation Information

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.

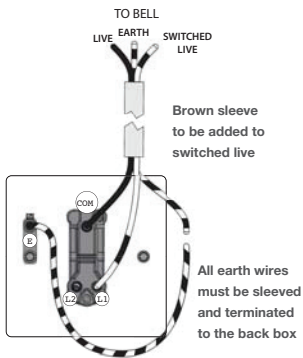
A two-way switch can be used for one-way connection, use COM and L1 terminals.

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



Bell Push

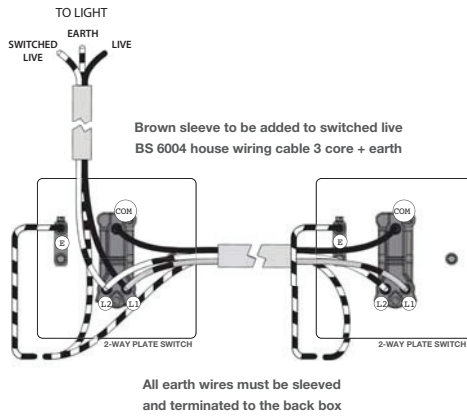
The bell push is a one way switch with a retractive rocker switch. Before installing, ensure a bell unit is suitable for supply voltage.



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.



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.

