Technical Data
Ceiling Switches

Brief product description:

A complete range of high quality robust ceiling accessories, offering durability, reliability and ease of installation.

This range of surface mounting ceiling switches contains decorative metal finishes.

For safe electrical isolation of shower units in bathrooms.

Features:

- Standard products 801 & 802 produced in satin finish urea
- Supplied with a minimum cord length of 1.5m
- Earth terminal in base
- Surface mounting
- Choice of cable entries
- Neon and mechanical indicators on 803

Product Images

802

801PC

803 804

Technical Specifications

Standard(s)	BS EN 60669-1
Rating	6 Amp 250V~ (801, 802 Products)
	45 Amp 250V~ (803 Products)
	10 Amp 250V~ (804 Products)
Terminal Capacity	3 x 1.0mm² 3 x 1.5mm² 1 x 2.5mm² (801, 802 Products)
	3 x 4mm² 2 x 6mm² 1 x 10mm² 1 x 16mm² (803 Products)
	4 x 1.0mm² 4 x 1.5mm² 2 x 2.5mm² 1 x 4mm² 1 x 6mm² (804 Products)
Covered by RoHS directive	Yes
Covered by WEEE directive	No
Size	76mm dia x 43mm (801, 802 Products)
	86mm x 86mm x 57.5mm (803 Products)
	86mm x 86mm x 59mm (804 Products)
Fixing Centres	50.8 mm (801, 802 Products)
	60.3mm (803, 804 Products)

Ceiling Switches

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
801	6A 1W, Ceiling Sw		B.W Strip Inner	B.W Strip Outer	1	10	100	/	5021166801091	5021166801084
802	6A 2W, Ceiling Sw		B.W Strip Inner	B.W Strip Outer	1	10	100	/	5021166802098	5021166802081
803	45A DP + Neon		B.W Strip Inner	B.W Strip Outer	1	10	50	/	5021166803095	5021166803088
804	10A Triple Pole		B.W Strip Inner	B.W Strip Outer	1	10	50	/	5021166804092	5021166804085
801PC-BG	1.5M Pull Cord				1	20	400	/		

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
801	6A 1W, Ceiling Sw		16.6 x 22.3 x 8.5	34.3 x 45 x 23			12.8	0.0355005
802	6A 2W, Ceiling Sw		16.6 x 22.3 x 8.5	34.3 x 45 x 23			12.8	0.0355005
803	45A DP + Neon	5.9 x 8.6 x 8.6	18 x 31.8 x 9	18.7 x 47.7 x 32.4			8.45	0.028900476
804	10A Triple Pole		15.5 x 31.2 x 9.2	16 x 48.3 x 31.9			8.42	0.02465232
801PC-BG	1.5M Pull Cord		10 x 10 x 10	22 x 53 x 22				0.025652

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. 10mm. Any bare earth conductors should be sleeved to within 10mm of the ends.
(These details are for general information only and conductor lengths may need to be trimmed in certain installations).
For lighting circuits, use sleeving of the appropriate 'live' colour to ensure clear identification of live connections. See diagram for typical lighting circuit wiring using 4-way junction box.
To prevent fire hazard always use cable of the correct rating and type.

General Installation Instructions

Switch off power supply at consumer unit and remove fuse from circuit.

IF USING THE NEW PRODUCT TO REPLACE AN OLD ONE

1. Release the retaining screws and support the product as you remove it from the wall or ceiling.
2. It is essential that the new product is wired up in the same way as the old one, with Earthing as stated in these instructions.
3. The simplest way is either to label each conductor with the location of the terminal to which it connects as you release it or to transfer one conductor at a time to the corresponding terminal on the new product. (Alternatively refer to the appropriate wiring diagrams for guidance)
4. Before refixing the new product, double check your connections ensuring that no wires are trapped. Do not over tighten the screws.
5. Once you are sure that all work has been completed correctly, replace the fuse for the circuit, switch the power back on, and test.

When Installing From New

1. To assist with the correct installation of this product please consult the appropriate wiring diagram. 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.
2. For ceiling roses feed the cable through the aperture in the base, increase entry size if necessary.

2a. Securely screw the base unit to a ceiling joist or wall, as appropriate. Take care to avoid existing wiring or pipe work. When fitted correctly and using 0.75mm 2 core circular cable, the ceiling rose is designed to carry fittings with a maximum weight of 3kg. Install the cables to the appropriate terminals.

2b. To assist with the correct installation of this product please consult the appropriate wiring diagram of two typical installation methods.

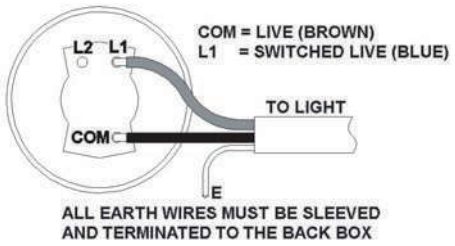
2c. Fit the cables around the cable restraints as shown in the illustration on page.

2d. Screw the rose cover back into place.

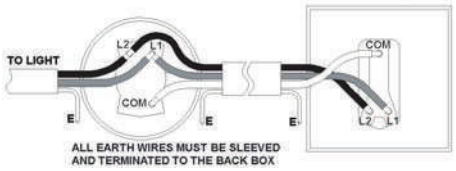
3. Once you are sure that all work has been completed correctly, replace the fuse for the circuit, switch the power back on, and test. The product is now ready for use.

Installation Information

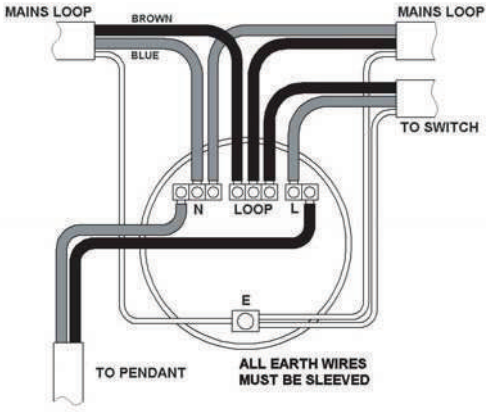
Ceiling Switch – 1 Way



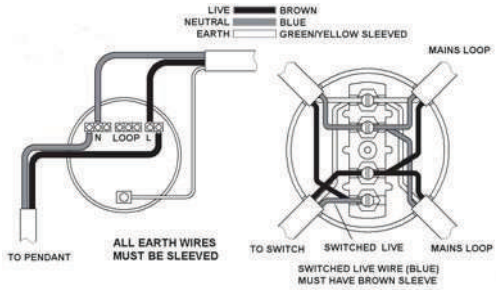
Ceiling Switch – 2 Way



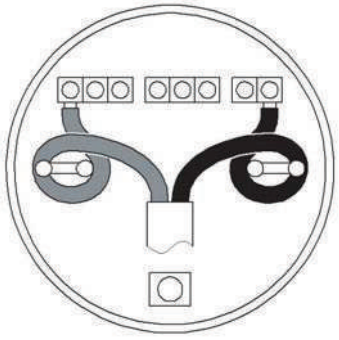
Batten Holders, Ceiling Rose & Pendant Sets
1) Looping Circuit



Batten Holders, Ceiling Rose & Pendant Sets
2) Junction Box Circuit

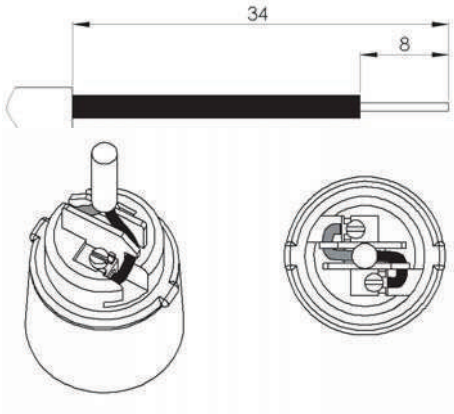


Batten Holders, Ceiling Rose & Pendant Sets (cont)
Cable Restraints

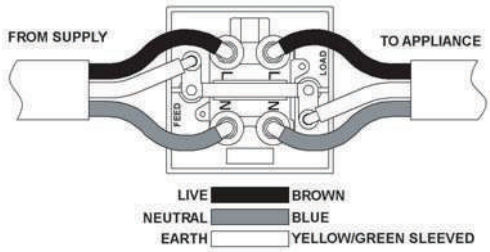


After wiring the ceiling rose & before fitting the cover, ensure both the wires to the pendant fitting are routed around the cable restraint posts as shown in diagram. This must be done to avoid the weight of the pendant & any lamp shade putting undue strain on the terminal connections.

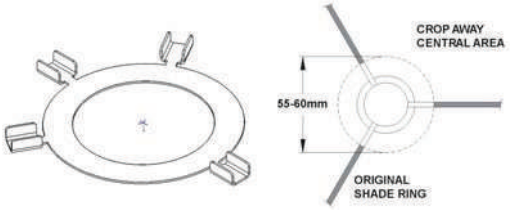
Pendant Lamp Holder



45a Ceiling Switch



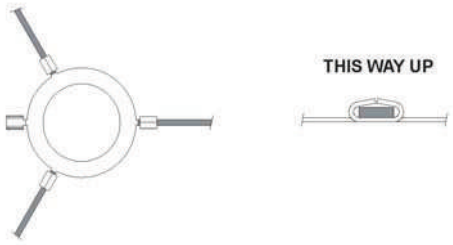
Low Energy Pendant – Shade Fitting
A 40mm shade conversion ring is included with the low energy lamp holder, which can be used to convert an existing 30mm lamp shade.



The conversion ring is designed to fit both 2-arm and 3-arm shades.
1) Remove the 30mm shade ring by cutting the support arms close to the central ring, as shown in diagram.

Installation Information

Low Energy Pendant – Shade Fitting (cont)



2) Fit the ends of the support arms into the appropriate tabs of the conversion ring. Note: it is important to fit the conversion ring under the support arms so that it takes the weight of the lampshade.
3) Tighten the metal tab firmly around each support arm using pliers.
4) Remove the spare tab if necessary.