



Technical Data

13 Amp Fused Connection Units

Brief product description:

Neo Slimline

Sleek polycarbonate with screwless clip-on front plate, available in gloss white and decorative finishes.

Features:

- Stylish modern profile
- Colour coded terminals with backed out captive screws for easy installation
- Flush LED power indicator
- Cable entry in front face with blanking plug
- Manufactured to BS 1363-4

Product Images

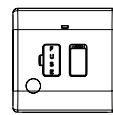


PCWH52

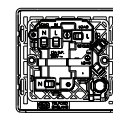


PCWH54

Line Diagrams



PCWH52



PCWH54

Technical Specifications

Standard(s)	BS 1363 Part 4
Rating	13 Amp 250V~
Switch Type	Double Pole
Contact Gap	3.0mm minimum
Terminal Capacity – L & N	3×2.5mm ² , 2×4.0mm ² & 1×6.0mm ²
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	25mm
Fixing Centres	60.3mm
Size	86mm×86mm×28.8mm

Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box
PCxx52	13A Switched FCU + Power Indicator, Option Flex Outlet	BG Printed Bag	BG Printed Box	BG Brown Carton	1	10	100
PCxx54	13A Unswitched FCU + Power Indicator, Option Flex Outlet	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
PCxx52	13A Sw FCU	2.9×11.5×22	9.5×17.5×18.5	21×36×50	87	910	10440	0.038
PCxx54	13A Un Sw FCU	2.3×11.5×22	9.5×17.5×18.5	21×36×50	87	910	10440	0.038

Barcodes

Cat No.	Description	White (WH)			Champagne (CH)		
		Product	Inner Box	Outer Box	Product	Inner Box	Outer Box
PCxx52	13A Sw FCU	5050765039543	5050765039864	5050765040181	5050765041409	5050765041676	5050765041409
PCxx54	13A Un Sw FCU	5050765039550	5050765039871	5050765040198	5050765041416	5050765041683	5050765041416

13 Amp Fused Connection Units

Barcodes

Cat No.	Description	Silver (SL)			Pearl White (PW)		
		Product	Inner Box	Outer Box	Product	Inner Box	Outer Box
PCxx52	13A Sw FCU	5050765102650	5050765102704	5050765102759	5050765103725	5050765103770	5050765103824
PCxx54	13A Un Sw FCU	5050765102667	5050765102711	5050765102766	5050765103732	5050765103787	5050765103831

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 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.

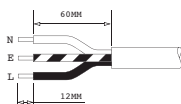
The product is now ready for use.

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

Switched FCU With Flex Outlet

The flex outlet arrangement comprises a fixed portion integral to the main unit and a movable clamp portion, held in place by a screwed fixing. The appliance cable exits through the aperture on the front/bottom face of the unit.

1. Prepare the flexible cable from the appliance as shown in the diagram below.*



*NOTE - The cord clamps are reversible and should be orientated to suit cable size to give proper clamping.

2. Loosen the cord grip screw fixing and pass cable through aperture.
3. Connect wires as shown in diagram.
4. Adjust protrusion of cable in clamp so that wires are not taugth and then fully tighten clamp to securely grip cable outer sheath. DO NOT clamp on individual wires.

Important

The cable **MUST** be clamped tight on outer sheath to ensure the cable connections are not damaged or disconnected through subsequent movement of cable or appliance.

Replacing The Fuse

1. Using a flat bladed screw-driver, carefully lever open the fuse carrier.
2. Pull the carrier out and replace the fuse.

Note - the fuse carrier cannot be fully removed from the product.

3. Fit a new fuse (to BS1362) and push the carrier home so it sits flush with the surface of the faceplate.

If the new fuse fails again, check the connected appliance as it may be faulty or the total load of 13 Amps, 3120 Watts has been exceeded.

For a 3 Amp connection unit the total load should not exceed 720 Watts.