



Technical Data

13 Amp Fused Connection Units

Brief product description:

The Brushed Stainless Steel range of screwed flat-plate is suitable for domestic and commercial applications.

Supplied with optional flex-outlet.

Features:

- Manufactured to BS 1363 part 4
- Angled colour coded terminals with captive screws
- Minimum mounting box depth 35mm
- Terminal capacity 3 x 2.5mm², 2 x 4.0mm² & 1 x 6.0mm²

Product Images



SBS52



SBS54

Technical Specifications

Standard(s)	BS 1363 Part 4
Rating	13 Amp 250V~
Switch type	Double pole
Contact Gap	3.0mm minimum
Terminal Capacity	3 x 2.5mm ² 2 x 4.0mm ² 1 x 6.0mm ²
RoHS Directive	No
WEEE Directive	No
Mounting Box Depth(Min)	35mm
Fixing Centres	60.3mm
Size	87.4mm x 87.4mm x 28.8mm

Weights & Dimensions

Cat No.	Description	Pack Quantity			Dimension (W x L x H) cm			Weight (g)			CMB (m ³)
		Each	Inner Box	Outer Box	Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
SBS52	13A SW FCU + LED	1	10	100	3.3 x 9 x 9.2	20 x 18 x 9.8	41.5 x 52.5 x 19	188	1980	20586	0.060024
SBS54	13A USW FCU	1	10	100	3.3 x 9 x 9.2	20 x 18 x 9.8	41.5 x 52.5 x 19	187.4	1974	20526	0.060024

Packaging Information

Cat No.	Description	Barcode			Cat No.	Description	Barcode		
		Individual	Inner Box	Outer Box			Individual	Inner Box	Outer Box
SBS52	13A SW FCU + LED	5050765005869	/	/	SBS54	13A USW FCU	5050765005883	/	/

13 Amp Fused Connection Units

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.

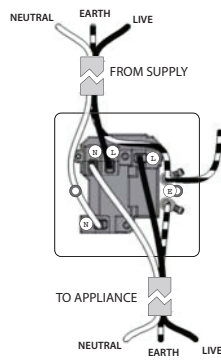
* Note - If your installation uses a four lug metal mounting box, remove the top and bottom lugs or bend fully back.

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.

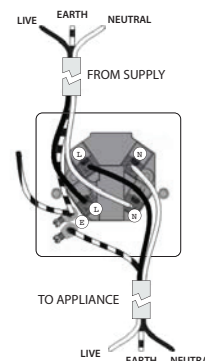
All Decorative products **MUST** have an earth connection between the front-plate and back box

Switched FCU Without Flex Outlet



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

Unswitched FCU Without Flex Outlet



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

The load connection cable can be routed via the rear of the product, or through the front plate.

To remove cable hole plug from the front plate, loosen the cord grip screw and push the plug from the rear of the unit.

The cord grip clamp is reversible and should be orientated to suit the cable size to ensure secure clamping.

Loosen the cord grip screw fixing and pass cable through aperture.

Connect wires to the appropriate terminals.

Adjust the cable clamp so that wires are not taugt and then fully tighten clamp to securely grip the 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.

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.