



Technical Data

13 Amp Socket Outlets

Brief product description:

A rugged, scratch resistant range, suitable for everyday use in commercial and industrial environments. Manufactured in heavy gauge steel and finished with epoxy powder coating.

Features:

- Flat profile with rounded edges
- Colour coded terminals with backed out captive screws for easy installation
- 2 Earth terminals

Product Images



MC521



MC522



MC523



MC524

Technical Specifications

Standard(s)	BS 1363 Part 2
Rating	13 Amp 250V~
Contact Gap	3.0mm minimum
Switch type	Double pole (MC521, MC522)
RoHS Directive	No
WEEE Directive	No
Terminal Capacity	3 x 2.5mm ² 3 x 4mm ² 2 x 6.0mm ² (MC523, MC524)
Size	81.5mm x 81.5mm x 51mm (MC521)
	142mm x 81.5mm x 51mm (MC522)
	81.5mm x 81.5mm x 46mm (MC523)
	142mm x 81.5mm x 46mm (MC524)

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
MC521	13A 1G, SW SKT	Plain PolyBag	Plain Inner	Plain Outer	1	10	50	/	5021166052196	5021166052189
MC522	13A 2G, SW SKT	Plain PolyBag	Plain Inner	Plain Outer	1	5	25	/	5021166052295	5021166052288
MC523	13A 1G, SKT	Plain PolyBag	Plain Inner	Plain Outer	1	10	50	/	5021166052394	5021166052387
MC524	13A 2G, SKT	Plain PolyBag	Plain Inner	Plain Outer	1	5	25	/	5021166052493	5021166052486

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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
MC521	13A 1G, SW SKT		16.6 x 25.8 x 8.3	17.6 x 45 x 27			14330	0.021384
MC522	13A 2G, SW SKT		14.5 x 25.8 x 8.3	15.5 x 45 x 27			11630	0.0188325
MC523	13A 1G, SKT		16.8 x 23.3 x 8.8	17.8 x 46.5 x 24.8			13370	0.02052696
MC524	13A 2G, SKT		14.5 x 25.8 x 8.3	15.5 x 45 x 27			11340	0.0188325

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 Sleaving

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.

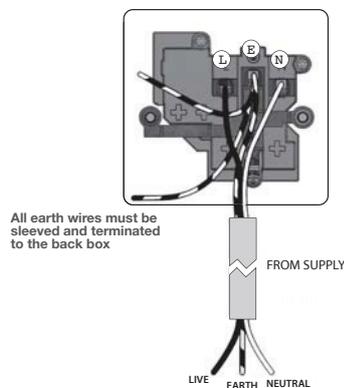
The product is now ready for use.

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

1 Gang 13 Amp Switched Socket

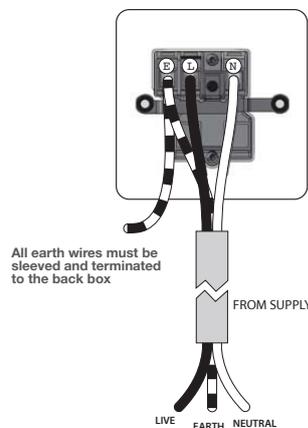
This socket is fitted with with two linked terminals to provide a dual earth facility. This is for use in "clean earth" installations where additional earth capacity is required to comply with Regulation 607 of BS7671 IEE Wiring Regulations.

Connect the cables as shown in the diagram.



1 Gang 13 Amp Unswitched Socket

Connect the cables as shown in the diagram.

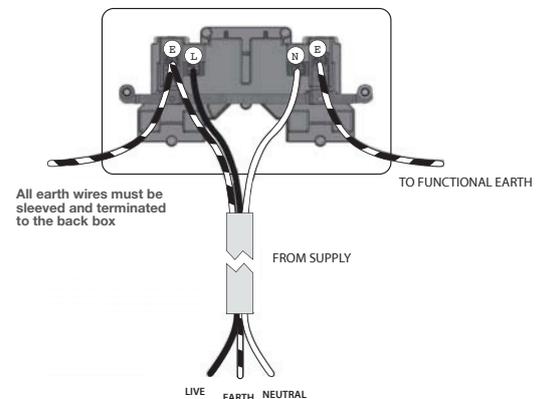


2 Gang 13 Amp Switched Socket

This socket is fitted with with two linked terminals to provide a dual earth facility.

This is for use in "clean earth" installations where additional earth capacity is required to comply with Regulation 607 of BS7671 IEE Wiring Regulations.

Connect the cables as shown in the diagram.



13 Amp Socket Outlets

Installation Information

2 Gang 13 Amp Unswitched Socket

This socket is fitted with with two linked terminals to provide a dual earth facility.

This is for use in "clean earth" installations where additional earth capacity is required to comply with Regulation 607 of BS7671 IEE Wiring Regulations.

Connect the cables as shown in the diagram.

