

13A Connection Units

Comply with BS 1363 Part 4 & BS 3676 respectively

Please keep this leaflet for future reference



SAFETY INSTRUCTIONS

- This product must be installed by a competent person in accordance with the current editions of the IEE Wiring Regulations (BS7671) and Buildings Regulations. If in any doubt, consult a qualified electrician.
- To prevent electrocution, do not work on any appliance live. Switch off the mains supply before commencing work.
- This product must always be earthed and be used within it's rated current.
- To prevent fire hazard do not exceed the rated current. When mounted using a metal back box the box depth should be 35mm.
- Product and packaging should be disposed of via standard refuse facilities at the end of their life.

INSTALLATION GUIDE

1. When intending to connect the flexible cable from an appliance through the cable clamp, always connect the LOAD cables before connecting the SUPPLY cables.

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4. Back out the two screws used to clamp the flexible cable.
 5. If using cables larger than 10mm in diameter, it will be necessary to make the front plate cable outlet bigger by removing the crescent shape (with a round file).
 6. The conductors should now be connected to the respective load terminals as described below and shown in **figure 1**.
 7. Take care to select the cable with the appropriate sleeve colour code for each terminal.
- BROWN = LOAD terminal marked 'L'
 BLUE = LOAD terminal marked 'N'
 GREEN/ YELLOW = LOAD terminal marked '⊕'
8. Tighten the cable clamp screws to ensure the cable is properly secure. Do not over tighten the screws, so as to avoid damaging the cable.

INSTALLING SUPPLY AND NON FLEXIBLE LOAD CABLES FOR HARD WIRED INSTALLATIONS

1. Strip back the outer sheath and trim wires to approximate length to allow cable ends to reach terminals.
2. Carefully strip back the inner insulation to expose 13mm of the conductor.

2. SUPPLY cables are those from the distribution board.
3. LOAD cables are those from an appliance.
4. Some products have the fixing screws clipped to the rear of the product. These should be unclipped.
5. Back out all terminal screws in preparation for installation.
6. Ensure the back box is firmly fixed to the wall.
7. Front plates less than 9mm deep, require the top and bottom lugs of the metal back box to be bent back to clear the base of the product.
8. Products having clip-on front plates can have the plate removed by carefully sliding a screwdriver between the ramp on the main body of the product and the notch in the lower edge of the plate. The plate can then be gently levered away from the wall.

INSTALLING LOAD CABLES USING THE FRONT CABLE CLAMP

1. Strip back the outer sheath on the appliance flexible LOAD cable and trim wires to 75mm in length.
2. Carefully strip back the insulation on all three cables to expose 10mm of the conductor.
3. Some products have a cap over the cable entry hole. When the cable outlet is required, push the cap out from the rear of the product.

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NOTE This is a typical terminal layout for a Switched Connection Unit.

The position of the terminals may vary dependent on the type of MK Connection Unit used. Always ensure each cable is connected to the correctly marked terminal.

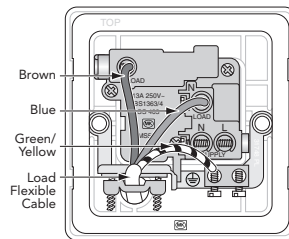


Fig. 1 - Flexible (load) cable connections

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- Slide a length of green/yellow sleeving onto the bare earth conductor.
- Connect the cables to the correct **SUPPLY** or **LOAD** terminals, as shown in **figure 2**.
- Please note; the colour codes used in the UK prior to April 2004 are as follows:-

RED	= terminal marked 'L'
BLACK	= terminal marked 'N'
GREEN/ YELLOW	= terminal marked '⊕'

In all other areas of the EU, as well as new build installations in the UK after 2004 the colour codes used are:-

BROWN	= terminal marked 'L'
BLUE	= terminal marked 'N'
GREEN/YELLOW	= terminal marked '⊕'

- The first colour indicated in the following illustrations will be that used prior to April 2004. The second colour, shown in brackets, is the colour used after April 2004.
- Using the fixing screws provided, mount the product onto the back box. Do not over tighten, so as to prevent damage or distortion to the front plate. Adjust so the front plate is square on the wall.
- If the product has a decorative clip-on front plate, hook the plate on the clips down the left hand side of the product and apply finger pressure down the right hand side until the plate is heard to click into place.

NOTE: Certain products in the range have no cable entry and are designed for 'hard' wired installations only. However, when a front entry product is used in a 'hard' wired position, when a blanking cap is present, it must be left in place in the front plate. The cable clamp is not used when there are no external flexible cables.

CHANGING FUSES ON CONNECTION UNITS

- Place a screwdriver in the slot adjacent to the fuse carrier and apply only sufficient force to lever out the carrier. Note: the carrier is not fully removable.
- Always replace with a BS 1362 type fuse (as used in 13A plugs) of the correct rating.
- Consistent fuse blowing could mean a faulty appliance. If in doubt, consult a qualified electrician.
- Push the carrier back into the product until flush with surface of the plate.

CLEANING FRONT PLATES

In order to protect the quality surface finish of the front plate, periodically clean with a dry lint free soft cloth. On no account should abrasive or domestic cleaners be used.

NOTE This is a typical terminal layout for a Switched Connection Unit.
The position of the terminals may vary dependent on the type of MK Connection Unit used. Always ensure each cable is connected to the correctly marked terminal.

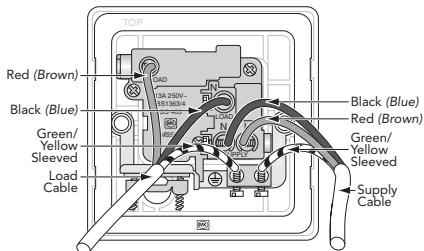


Fig. 2 Supply and non flexible load cables

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