

Reverse Polarity Correction Cable

Tools

- Philips screwdriver
- Stanley knife
- Wire strippers
- Permanent marker



Materials

- BS EN 60392-2 plug and BS EN 60392-2 connector (socket)



- 1m of 16A three-core (arctic) cable



Note – The wiring labels are the same as in your home:

Earth – yellow/green
Live – brown
Neutral - blue

1. Undo the screws securing the covers of the plug and connector. Use the Stanley knife to nick the ends of the cable's outer sheath to expose a short length of the inner three wires (ensure the sheath on the inner wires is not damaged).
2. Take the plug and identify which terminal is which. The live should be marked "L". Strip the end of the live wire insert into the "L" terminal and secure with the retaining screw. Strip the end of the neutral wire and connect this to the terminal marked "N". Connect the earth wire to the remaining, (central) terminal.
3. On the socket, the earth wire still fits into the earth terminal but the live and neutral wires are swapped so that the blue neutral now connects to the Live terminal and the brown live wire now runs to the Neutral terminal.
4. Secure all wires and replace the covers. Use a permanent marker to label the cable.
5. On site use a polarity mains tester to check if the power is reversed and if so plug your correction cable into your units mains socket, your mains cable in next, then if necessary a continental two pin adapter into the power bollard.



Note: All electrical connections should be undertaken or checked by a qualified electrician.