



Item Code	Description
TW1361	13A Spur with Neon
TW1371	13A Switch Spur with Neon
TW1470	13A Unsw Spur with Passive RCD and Neon

Timeguard Weatherproof – Connection Units

Features

- **Timeguard Weatherproof:** Outdoor IP66 rated accessory protects against water and dust ingress.
- Impact resistant polycarbonate housing, robust translucent cover allowing neon indicators to be seen.
- Single clip mechanism provides quick and easy access.
- Fast fix screws allows accessory frame to be quickly installed and removed

Safety Instructions - If in doubt, contact a qualified electrician

1. These instructions should be read carefully and retained after installation for future reference and maintenance.
2. This product should be installed in accordance with current edition of IET wiring regulations, BS 7671 and local building regulations. If in any doubt, contact a qualified electrician.
3. Always switch off the mains electrical supply at the consumer unit before commencing installation.
4. Only install using the back box provided with the product.
5. If side, top or bottom entry is used, ensure appropriately IP rated glands are used to maintain IP66 rating.
6. When preparing cables, strip insulation to correct length to allow the conductors to reach the terminals.
7. Connection units must be earthed and earth conductor must be sleeved with green/yellow insulation sleeving.
8. If installing a product with an RCD, ensure it is tested regularly using the test button to ensure correct operation.

Environmental Instructions

This product may contain substances that can be hazardous to the environment if not disposed of properly. Waste electrical and electronic equipment (WEEE) should never be disposed of with general household waste but must be separated for its correct treatment and recovery. Where possible recycle your packaging.

Installation Instructions

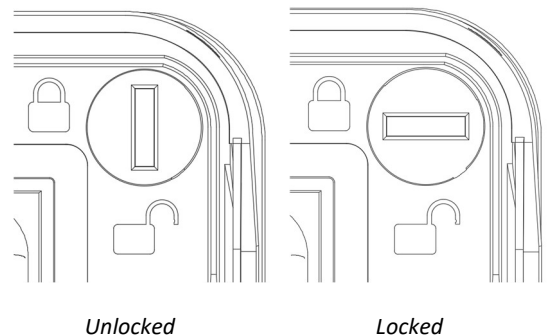
SUGGESTED METHOD OF INSTALLATION

Read instructions and check you have all the tools and accessories to complete the installation safely and in compliance with current electrical regulations

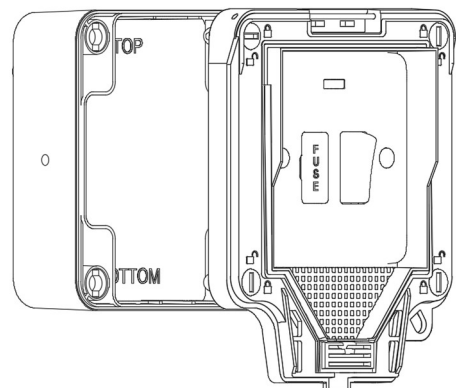
1. Ensure the electrical supply is switched off.
Remove the back box from the accessory frame and connection unit by turning the quarter turn screws to the “unlocked” position and pulling apart.
2. Install the backbox on the wall using appropriate fixings and route the power cable through a knockout on the box. Use a drill and a hole saw for cable entry. Use an appropriately IP rated gland if using the top, bottom or side entries. If using rear entry through a wall, consider using some waterproof sealant to ensure no moisture ingress. Drill out a single marked drain hole at the bottom of the back box using a 3-5mm drill bit (Note: This may reduce the IP rating.)
3. Prepare the power cable by stripping the live, neutral and earth wires to required length.
4. Take the accessory frame and connection unit and loosen the terminals at the back of the connection unit. Insert the Live, Neutral and Earth wires into their respective terminals and tighten the terminal screws onto the conductors. Follow the diagrams in this document for typical wiring details.
5. Refit the accessory frame using the 4 quarter-turn screws.
6. Switch on the power supply and check the operation. If using an accessory with an RCD, test the operation by pressing the “Test” button and confirming the RCD has tripped and the power supply from the connection unit has been cut. Use the “Reset” button to re-instate the power.

Note: The wiring diagrams in this document are for a ring mains circuit. For a radial circuit or a spur from a ring man, only a single cable is required.

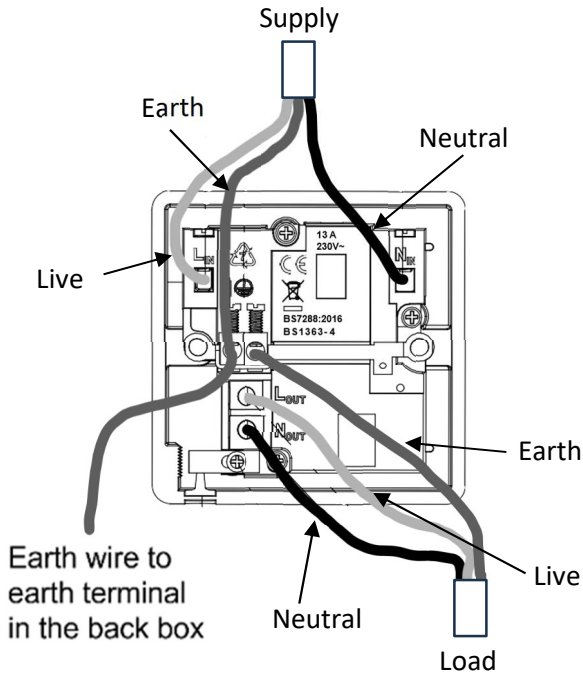
Quarter Turn Accessory Frame Screws



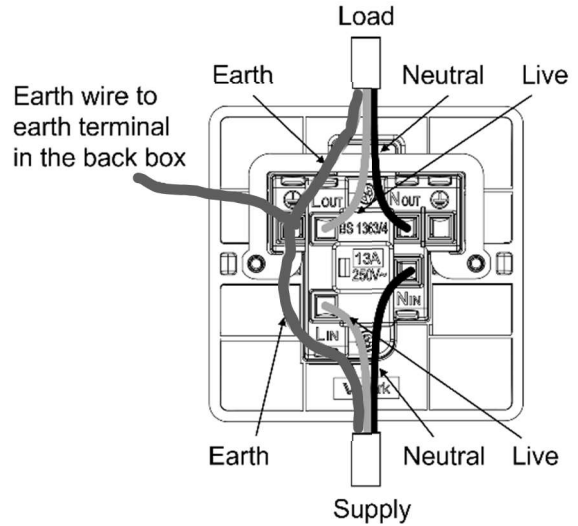
Back Box and Accessory Frame



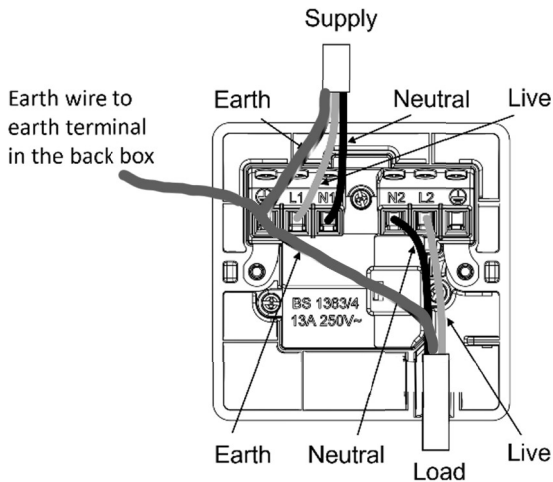
13A Unswitched Fused Connection Unit with RCD



13A Unswitched Fused Connection Unit



13A Switched Fused Connection Unit



Wiring colours

As of April 2004, twin and earth cable core colours for all new fixed wiring installation in the UK have been updated. Refer to the table for twin and earth wiring colours identification.

	Wiring colours	
	Pre April 2004	Post April 2004
Live	Red	Brown
Neutral	Black	Blue
Earth	Yellow/Green	Yellow/Green

Specification

Input Voltage	250V ac 50/60Hz	Terminal Capacity	4 x 2.5mm ²
Current Rating	13A	Compliance	BS 1363-4
Ingress Protection Rating	IP66		BS EN 60529
			BS EN 60670-22