

# ARLEC

## Portable Plug-In Safety Switch

PB91

### User Guide

The PB91 is a single outlet plug-in adaptor with built-in Safety Switch (Residual Current Device) to provide protection against electrocution.

#### Safety Switch – Principle of operation

The safety switch is an electronic sensing device that constantly monitors the balance of current flow between active and neutral within the plugged in appliance. Should your body contact a live part of the appliance, an imbalance is sensed by the safety switch and the supply is automatically switched off.

#### Important!

Use of a safety switch does not eliminate the need for basic electrical safety precautions.

#### How to test the safety switch

Before use, the safety switch must be checked to ensure it is operating correctly. This procedure should be performed on a regular basis.

1. Plug your Power Block into a fixed 240 volt outlet and switch on.
2. Place the Safety Switch in the ON position by pressing the green "RESET" button. The "Red On" Indicator will change from clear to red colour. Please note that the Red On indicator does not glow. A red marker will appear in the centre of the indicator window.
3. Press the "TEST" button. This will immediately cause the device to trip, disconnecting supply, and changing the Red On indicator to clear. This confirms that the safety switch is operational. If the device does

not trip as explained above, check the safety switch in the switchboard (if one is fitted), this may have tripped prior to the portable Safety Switch operating. If so, reset and test again. If considered faulty, the unit should be returned to the place of purchase for replacement.

4. After tripping reset the safety switch to the ON position by pressing the green "RESET" button. The "Red On" indicator will change from clear to red colour. If power is not restored when the safety switch has been reset, check the safety switch in the switchboard, this may have also tripped and require resetting.

#### Surge Protection

The PB91 includes surge protection between Active and Neutral conductors which will absorb spikes and protect connected equipment.

NOTE: This unit will not offer protection if there is a lightning strike or sustained over-voltage in the mains power distribution system.

### Faulty Equipment

#### Safety switch operation

If the safety switch trips at any time during operation, the equipment being used should be immediately unplugged and checked by a qualified technician.

#### IMPORTANT NOTES

- The Safety Switch is not designed for use in damp or wet conditions
- Always plug directly into a wall socket, not an extension lead
- The use of a safety switch does not remove the need to follow basic safety precautions
- The safety switch provides protection against electrical faults to earth, it does not protect you against an electric shock caused by contacting both active and neutral conductors of an electrical circuit.
- If the Safety Switch has sustained damage such as from being dropped or immersion in water, do not use again until checked by a qualified technician.

#### Arlec Guarantee

Arlec guarantees this product against defects of materials and workmanship for a period of 1 year from the date of purchase provided that the product is used in accordance with Arlec's recommendations and within such voltage and current limits as are specified by Arlec in relation to the product. Arlec will at its own option make good, replace with the same or similar product, or provide credit for any product manufactured or supplied by it, which proves to be defective within the limits set out above provided that no repairs, alterations or modifications to the product have been undertaken or attempted, other than by the company or its authorised agents. Should the purchaser wish to make a claim under the guarantee, the product should be returned prepaid to the place of purchase. This guarantee is in addition to and does not take away from any rights available to the consumer under the Trade Practices Act and the State consumer protection legislation.

#### Proof of Purchase

Please retain your purchase receipt for all warranty claims.

**Important! Please read these instructions carefully.**

# ARLEC

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