

RCD & CIRCUIT BREAKER FAULT FINDER

Should you experience a power outage on your power / light circuits?

The tripping of your Residual Current Devices (RCD) or Circuit Breakers may have been caused by a fault in an appliance, overloading of circuits whereby too many appliances are drawing too much power or there is a fault from the power provider.

Keep notes of the appliances being used at the time, this may help your electrician if further investigation is needed. Items plugged into power boards with "surge protectors" may have tripped the surge protector on a power board.



STEP 1

Check that your home is the only one affected. It may be a power supply fault in your area.

STEP 2

Go to the meter box and reset the RCD or Circuit Breaker - Should the RCD reset, with the switch remaining in the upright "ON" position, your power has been restored.



SHOULD THE RCD OR CIRCUIT BREAKER **NOT RESET**

Switch off and unplug all appliances. Including any outdoor appliances such as pond, pool pumps, outdoor lighting, reticulation control systems and the like.

- > Reset the RCD and the circuit breaker, the switch in the upright "ON" position.
- > If the RCD **WON'T RESET**, it may indicate a fault in the circuitry of the existing wiring and will require investigation by a licensed electrician.

SHOULD THE RCD OR CIRCUIT BREAKER **RESET**

- > Plug in and switch on one appliance at a time until one appliance trips the RCD, remove this faulty appliance and have this appliance investigated by a licensed electrician.

CAUTION NOTICE

This is a guide only to RCD and circuit breaker fault finding. If you are not confident in conducting this procedure call a licensed electrician.

- > It is important to maintain appliances in good order and to test your RCDs. RCD manufacturers recommend pressing the test button monthly.
- > Never do your own electrical work. It is dangerous and illegal so always use a licensed electrician.
- > Do not under any circumstances tamper with live or exposed electrical circuitry.



For more information on Residual Current Devices and Circuit Breakers see "Power Talk", the Power On Electrix Newsletter.

Visit www.poweronelectrix.com/newsletter

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