SOLOMONS ELECTRICS

For Emergency Professional Electrical Work - 24 Hours 7 Days a Week : Lic No EC004065

24/7 Emergency Service
9209 1993

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RCD's/Safety Switches

SAFETY SWITCHES/RCD'S - PERTH

Almost 80% of the deaths by electrocution in WA in the last 17 years could have been prevented if RCDs were installed. New regulations mandate homes to have a minimum of two residual current devices (RCDs or safety switches) installed at the time ownership is transferred or when a rental lease is made.

RCDs are a mandatory requirement for the protection of both socket outlet (power) circuits and lighting circuits. Having RCD's installed provides extra protection and peace of mind.

What is an RCD and how does it work?

An RCD is a device that immediately switches off the electricity when it detects leakage or flow of electricity to earth (or other fault path) ie. through a human body, for instance. This happens within a few milli-seconds, much before electrocution can cause death. RCDs also prevent fire from faulty appliances by detecting electricity flowing to earth in electrical wiring and accessories.

Is an RCD the same as a circuit breaker? Am I protected if I have a circuit breaker?

No. A circuit breaker protects the wiring by disconnecting supply when a higher level of current flow is dectected than can safely be carried by the cable. This is often not fast enough to prevent electrocution.

A circuit breaker and safety switch look somewhat similar, but the RCD is easily identifiable by the Test Button.

We have an RCD installed. Is it working?

Once every three months, use the test button on the RCD to see if it is working. This should turn off the appliances connected to the powerpoints (and possibly lighting) that the RCD runs through immediately

Call Solomons Electrics now to have your home made safe now!.

We have qualified electricaians available 24/7 for all your electrical requirements.

TO MAKE YOUR HOME SAFE CONTACT US NOW

Name

Email

Message

SUBMIT

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